Predicting interest rates from Federal Reserve documents

Model Training (Vol. 6)

FE 690: Machine Learning in Finance
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```python
import os
import sys
IN_COLAB = 'google.colab' in sys.modules
IN_COLAB
```

```
    True
```

```python
if IN_COLAB:
    from google.colab import drive
    drive.mount('/content/drive', force_remount=True)
```

```
    Mounted at /content/drive
```

```python
#if IN_COLAB:
#  # Uninstall existing versions:
#  !pip uninstall bs4 -y
#  !pip uninstall textract -y
#  !pip uninstall numpy -y
#  !pip uninstall pandas -y
#  !pip uninstall requests -y
#  !pip uninstall tqdm -y
#  !pip uninstall nltk -y
#  !pip uninstall quandl -y
#  !pip uninstall scikit-plot -y
#  !pip uninstall seaborn -y
#  !pip uninstall sklearn -y
#  !pip uninstall torch -y
#  !pip uninstall transformers -y
```

```python
#  !pip uninstall wordcloud -y
#  !pip uninstall xgboost -y
#
#  # Install packages:
#  !pip install bs4==0.0.1
#  !pip install textract==1.6.3
#  !pip install numpy==1.19.4
#  !pip install pandas==1.1.4
#  !pip install requests==2.24.0
#  !pip install tqdm==4.51.0
#  !pip install nltk==3.5
#  !pip install quandl==3.5.3
#  !pip install scikit-plot==0.3.7
#  !pip install seaborn==0.11.0
#  !pip install sklearn==0.0
#  !pip install torch==1.7.1+cu101 torchvision==0.8.2+cu101 -f https://download.pytorch.org/whl/torch_stable.html
#  !pip install transformers==3.5.0
#  !pip install wordcloud==1.8.0
#  !pip install xgboost==1.2.1
#  os.kill(os.getpid(), 9)


if IN_COLAB:
  employment_data_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/Employment/'
  cpi_data_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/CPI/'
  fed_rates_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/FEDRates/'
  fx_rates_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/FXRates/'
  gdp_data_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/GDP/'
  ism_data_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/ISM/'
  sales_data_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/Sales/'
  treasury_data_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/MarketData/Treasury/'
  fomc_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/FOMC/'
  preprocessed_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/preprocessed/'
  train_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/train_data/'
  output_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/result/'
  keyword_lm_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/LoughranMcDonald/'
  glove_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/GloVe/'
  model_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/models/'
  graph_dir = '/content/drive/My Drive/Colab Notebooks/proj2/src/data/graphs/'
else:
  employment_data_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/Employment/'
  cpi_data_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/CPI/'
```

```python
cpi_data_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/CPI/'
fed_rates_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/FEDRates/'
fx_rates_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/FXRates/'
gdp_data_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/GDP/'
ism_data_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/ISM/'
sales_data_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/Sales/'
treasury_data_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/MarketData/Treasury/'
fomc_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/FOMC/'
preprocessed_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/preprocessed/'
train_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/train_data/'
output_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/result/'
keyword_lm_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/LoughranMcDonald/'
glove_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/GloVe/'
model_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/models/'
graph_dir = 'C:/Users/theon/GDrive/Colab Notebooks/proj2/src/data/graphs/'


# Python libraries
import datetime as dt
import re
import pickle
from tqdm.notebook import tqdm
import time
import logging
import random
from collections import defaultdict, Counter

# Data Science modules
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns; sns.set()
plt.style.use('ggplot')

# Import Scikit-learn moduels
from sklearn.feature_extraction.text import CountVectorizer, TfidfVectorizer
from sklearn.metrics import accuracy_score, f1_score, plot_confusion_matrix
from sklearn.pipeline import Pipeline, FeatureUnion
from sklearn.ensemble import RandomForestClassifier
from sklearn.linear_model import LogisticRegression, Perceptron, SGDClassifier
from sklearn.tree import DecisionTreeClassifier
from sklearn import model_selection
```

```python
from sklearn import model_selection
from sklearn.model_selection import GridSearchCV, cross_val_score, cross_validate, StratifiedKFold, learning_curve, Randomiz
import scikitplot as skplt

# Import nltk modules and download dataset
import nltk
from nltk.corpus import stopwords
from nltk.util import ngrams
from nltk.tokenize import word_tokenize

nltk.download('stopwords')
nltk.download('punkt')
nltk.download('wordnet')

stop = set(stopwords.words('english'))

# Import Pytorch modules

import torch
from torch import nn, optim
import torch.nn.functional as F
from torch.utils.data import (DataLoader, RandomSampler, SequentialSampler, TensorDataset)
from torch.autograd import Variable
from torch.optim import Adam, AdamW
```

```
    [nltk_data] Downloading package stopwords to /root/nltk_data...
    [nltk_data]   Unzipping corpora/stopwords.zip.
    [nltk_data] Downloading package punkt to /root/nltk_data...
    [nltk_data]   Unzipping tokenizers/punkt.zip.
    [nltk_data] Downloading package wordnet to /root/nltk_data...
    [nltk_data]   Unzipping corpora/wordnet.zip.
```

```python
## Use TPU Runtime:
#if IN_COLAB:
#   assert os.environ['COLAB_TPU_ADDR'], 'Make sure to select TPU from Edit > Notebook setting > Hardware accelerator'
#   VERSION = "20200220"
#   !curl https://raw.githubusercontent.com/pytorch/xla/master/contrib/scripts/env-setup.py -o pytorch-xla-env-setup.py
#   !python pytorch-xla-env-setup.py --version $VERSION


## Use GPU Runtime:
if IN_COLAB:
  if torch.cuda.is_available():
```

```
    torch.cuda.get_device_name(0)
    gpu_info = !nvidia-smi
    gpu_info = '\n'.join(gpu_info)
    print(gpu_info)
  else:
    print('Select the Runtime > "Change runtime type" menu to enable a GPU accelerator, and then re-execute this cell.')
    os.kill(os.getpid(), 9)
```

```
    Mon Jan 25 01:46:23 2021
    +-----------------------------------------------------------------------------+
    | NVIDIA-SMI 460.32.03    Driver Version: 418.67       CUDA Version: 10.1     |
    |-------------------------------+----------------------+----------------------+
    | GPU  Name        Persistence-M| Bus-Id        Disp.A | Volatile Uncorr. ECC |
    | Fan  Temp  Perf  Pwr:Usage/Cap|         Memory-Usage | GPU-Util  Compute M. |
    |                               |                      |               MIG M. |
    |===============================+======================+======================|
    |   0  Tesla V100-SXM2...  Off  | 00000000:00:04.0 Off |                    0 |
    | N/A   31C    P0    25W / 300W |     10MiB / 16130MiB |      0%      Default |
    |                               |                      |                 ERR! |
    +-------------------------------+----------------------+----------------------+

    +-----------------------------------------------------------------------------+
    | Processes:                                                                  |
    |  GPU   GI   CI        PID   Type   Process name                  GPU Memory |
    |        ID   ID                                                   Usage      |
    |=============================================================================|
    |  No running processes found                                                 |
    +-----------------------------------------------------------------------------+
```

```python
# Set logger
logger = logging.getLogger('mylogger')
logger.setLevel(logging.INFO)

timestamp = time.strftime("%Y.%m.%d_%H.%M.%S", time.localtime())
formatter = logging.Formatter('[%(asctime)s][%(levelname)s] ## %(message)s')

fh = logging.FileHandler('log_model.txt')
fh.setLevel(logging.DEBUG)
fh.setFormatter(formatter)
logger.addHandler(fh)

ch = logging.StreamHandler()
```

```python
ch.setLevel(logging.INFO)
ch.setFormatter(formatter)
logger.addHandler(ch)


# Set Random Seed
random.seed(42)
np.random.seed(42)
torch.manual_seed(42)
torch.cuda.manual_seed(42)
rand_seed = 42


# Set Seaborn Style
sns.set(style='white', context='notebook', palette='deep')
```

Load preprocessed data

```python
# Load previously processed non-text data
# Load data
file = open(train_dir + 'nontext_train_small.pickle', 'rb')
train_df = pickle.load(file)
file.close()
#train_df = pd.read_csv(train_dir + 'nontext_train_small.csv')
#print(train_df.shape)
#train_df
```

```python
# List of Non-text columns
nontext_columns = train_df.drop(columns=['target']).columns.tolist()
nontext_columns
```

```
['prev_decision',
 'GDP_diff_prev',
 'PMI_value',
 'Employ_diff_prev',
 'Rsales_diff_year',
 'Unemp_diff_prev',
 'Inertia_diff',
```

```
        'Hsales_diff_year',
        'Balanced_diff']

# Load text data
file = open(preprocessed_dir + 'text_no_split.pickle', 'rb') # Original text
text_no_split = pickle.load(file)
file.close()
#text_no_split = pd.read_csv(preprocessed_dir + 'text_no_split.csv')
file = open(preprocessed_dir + 'text_split_200.pickle', 'rb') # Split at 200 words
text_split_200 = pickle.load(file)
file.close()
#text_split_200 = pd.read_csv(preprocessed_dir + 'text_split_200.csv')
file = open(preprocessed_dir + 'text_keyword.pickle', 'rb') # Paragraphs filtered for those having keywords
text_keyword = pickle.load(file)
file.close()
#text_keyword = pd.read_csv(preprocessed_dir + 'text_keyword.csv')
```

Check the statistics of texts

```
# Check the number of records per document type
fig, (ax1, ax2, ax3) = plt.subplots(1, 3, figsize=(15,7))
sns.countplot(x='type', data=text_no_split, ax=ax1)
ax1.set_title('text_no_split')
ax1.tick_params('x', labelrotation=45)
sns.countplot(x='type', data=text_split_200, ax=ax2)
ax2.set_title('text_split_200')
ax2.tick_params('x', labelrotation=45)
sns.countplot(x='type', data=text_keyword, ax=ax3)
ax3.set_title('text_keyword')
ax3.tick_params('x', labelrotation=45)
fig.suptitle("The nuber of records", fontsize=16)
plt.show()
plt.savefig(graph_dir + 'num_rec_per_type_text_data' + '.png')#bbox_inches='tight')
```

The nuber of records

text_no_split

text_split_200

text_keyword
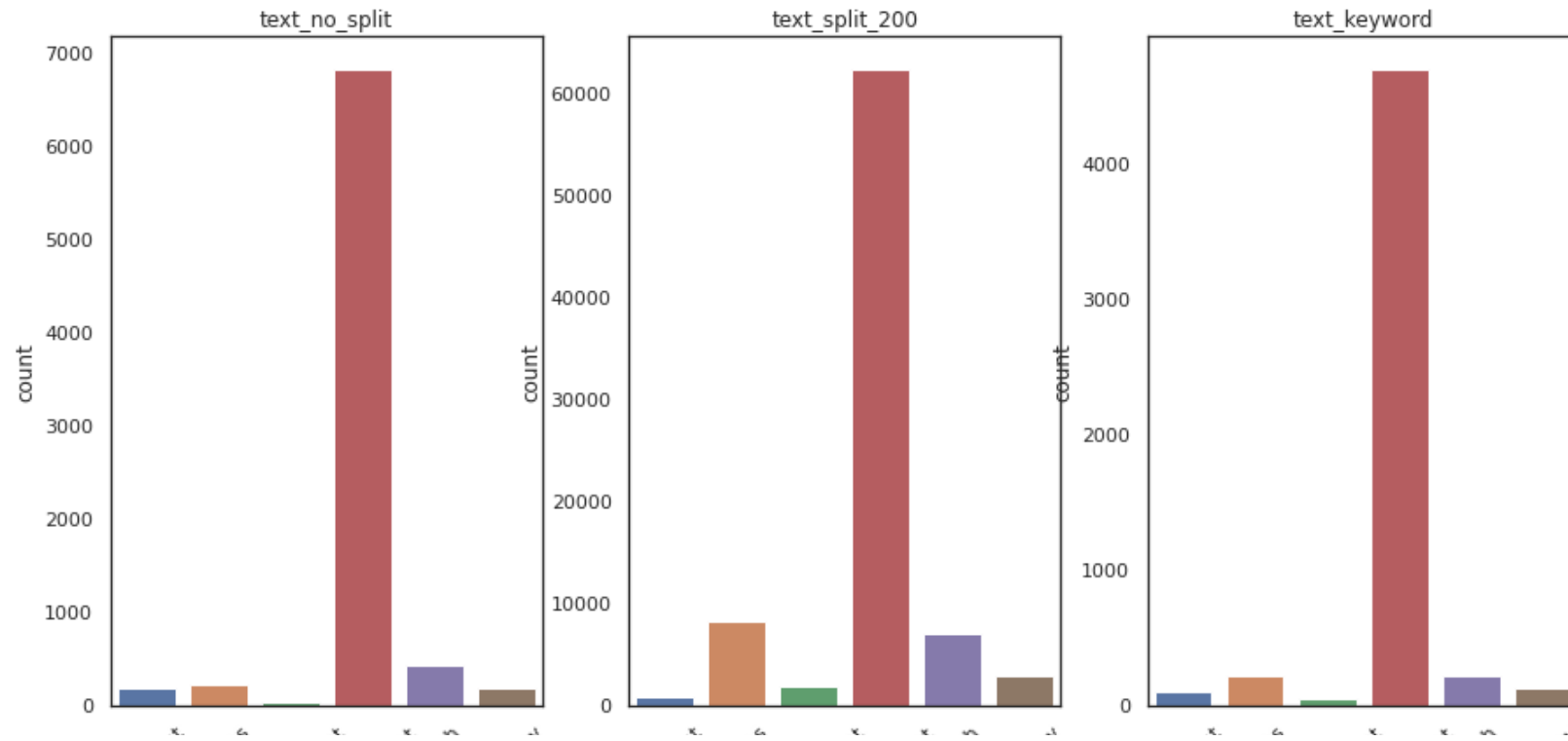
text_no_split.loc[text_no_split['type'] == 'meeting_script'].head()

	type	date	title	speaker	word_count	decision	rate	next_meeting	next_decision	next_rate	text
463	meeting_script	1982-10-05	FOMC Meeting Transcript	CHAIRMA	1801	-1	9.5	1982-11-16	-1	9.0	VOLCKER.while but it may be that itsurprised m...
464	meeting_script	1982-10-05	FOMC Meeting Transcript	CHAIRMAN VOLCKER	8439	-1	9.5	1982-11-16	-1	9.0	Without objection, it is approved. As

```
# Select one from the above different pre-processed data
text_df = text_no_split
text_df.reset_index(drop=True, inplace=True)
print(text_df.shape)
text_df
```

(7908, 11)

	type	date	title	speaker	word_count	decision	rate	next_meeting	next_decision	next_rate	text
0	statement	1994-02-04	FOMC Statement	Alan Greenspan	99	1	3.25	1994-02-28	0	3.25	Chairman Alan Greenspan announced today that t...
1	statement	1994-03-22	FOMC Statement	Alan Greenspan	40	1	3.5	1994-04-18	1	3.75	Chairman Alan Greenspan announced today that t...
2	statement	1994-04-18	FOMC Statement	Alan Greenspan	37	1	3.75	1994-05-17	1	4.25	Chairman Alan Greenspan announced today that t...
3	statement	1994-05-17	FOMC Statement	Alan Greenspan	57	1	4.25	1994-07-06	0	4.25	In taking the discount action, the Board appro...
4	statement	1994-08-16	FOMC Statement	Alan Greenspan	51	1	4.75	1994-09-27	0	4.75	In taking the discount rate action, the Board ...
...	...	...	...	...	...	...	...	...	...	...	...
7903	testimony	2020-05-19	Coronavirus and CARES Act	Jerome Powell	1802	<NA>	None	2020-06-10	0	0.00	I would like to begin by acknowledging the tra...

```
# Check distribution

fig, (ax1, ax2, ax3, ax4, ax5) = plt.subplots(5, 1, figsize=(15,15))
doc_type = 'statement'
sns.distplot(text_df.loc[text_df['type'] == doc_type]['word_count'], bins=20, ax=ax1, kde=False, color='r')
ax1.set_title(doc_type)
doc_type = 'minutes'
sns.distplot(text_df.loc[text_df['type'] == doc_type]['word_count'], bins=20, ax=ax2, kde=False, color='y')
ax2.set_title(doc_type)
doc_type = 'presconf_script'
sns.distplot(text_df.loc[text_df['type'] == doc_type]['word_count'], bins=20, ax=ax3, kde=False, color='g')
ax3.set_title(doc_type)
```

```
doc_type = 'speech'
sns.distplot(text_df.loc[text_df['type'] == doc_type]['word_count'], bins=20, ax=ax4, kde=False, color='b')
ax4.set_title(doc_type)
doc_type = 'testimony'
sns.distplot(text_df.loc[text_df['type'] == doc_type]['word_count'], bins=20, ax=ax5, kde=False, color='purple')
ax5.set_title(doc_type)

fig.tight_layout(pad=3.0)
plt.show()
plt.savefig(graph_dir + 'word_count_distribution_per_doc_type_text_df' + '.png')#bbox_inches='tight')
```

statement

minutes
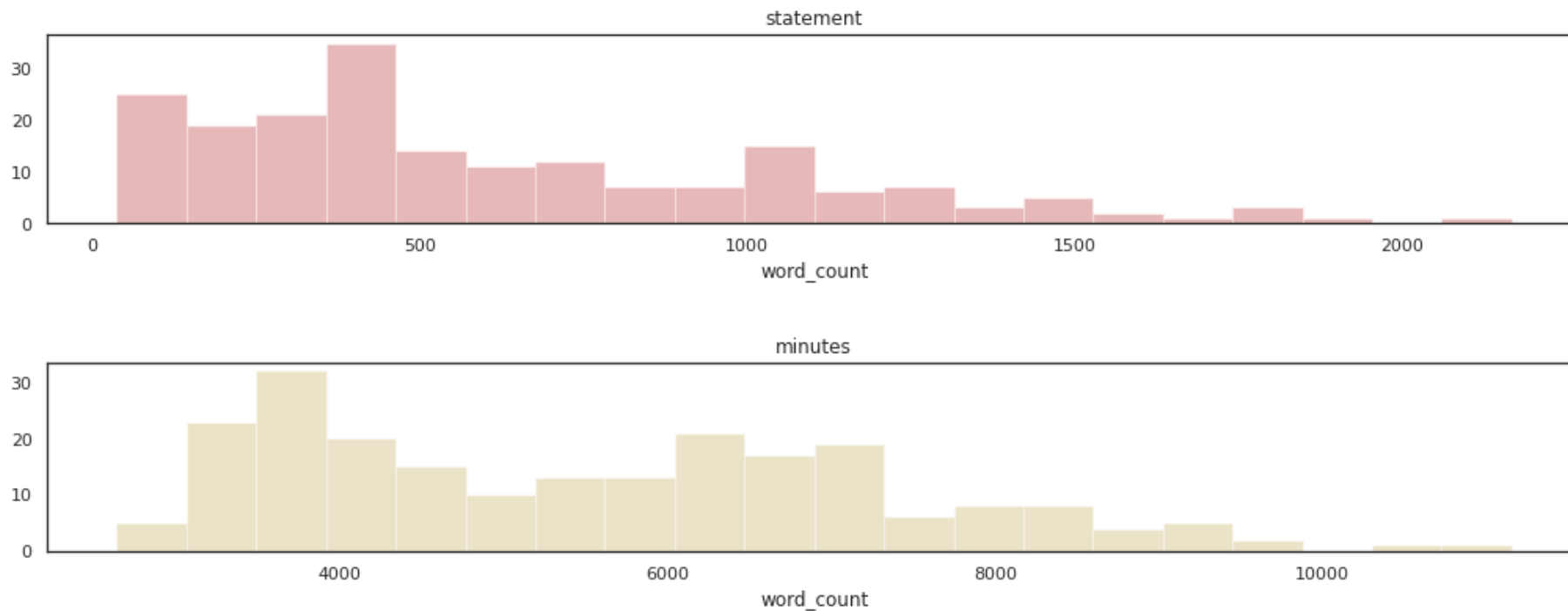

```
# Check balance of Rate Decision

#g = sns.FacetGrid(text_df, col='type', height=6, aspect=0.5)
#g.map(sns.countplot, 'next_decision')
#plt.show()
```



```
from collections import defaultdict

doc_types = text_df['type'].unique()

merged_dict = defaultdict(list)

for i, row in train_df.iterrows():
    text_rows = text_df.loc[text_df['next_meeting'] == i]
    merged_text_all = ""
```

```python
    for doc_type in doc_types:
        merged_text = ""
        for text in text_rows.loc[text_rows['type'] == doc_type]['text']:
            merged_text += " " + text
        merged_dict[doc_type].append(merged_text)
        merged_text_all += merged_text
    merged_dict['text'].append(merged_text_all)
```

```python
for key in merged_dict.keys():
    train_df[key] = merged_dict[key]

train_df
```

date	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Ba
1982-10-05	-1	0	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1982-11-16	-1	-1	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
1982-12-21	0	-1	-0.382295	39.2	-198.5	1.807631	-0.333333	-0.018226	-3.116275	
1983-01-14	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.018226	-0.774432	
1983-01-21	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.043785	-0.774432	
...	...	...	...	...	...	...	...	...	...	...

```python
from collections import defaultdict

doc_types = text_df['type'].unique()

merged_dict = defaultdict(list)

for i, row in train_df.iterrows():
    text_rows = text_df.loc[text_df['next_meeting'] == i]
    merged_text_all = ""
    for doc_type in doc_types:
        merged_text = ""
        for text in text_rows.loc[text_rows['type'] == doc_type]['text']:
            merged_text += " " + text
        merged_dict[doc_type].append(merged_text)
        merged_text_all += merged_text
    merged_dict['text'].append(merged_text_all)
```

```python
for key in merged_dict.keys():
    train_df[key] = merged_dict[key]

train_df
```

	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Ba
date										
1982-10-05	-1	0	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1982-11-16	-1	-1	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
1982-12-21	0	-1	-0.382295	39.2	-198.5	1.807631	-0.333333	-0.018226	-3.116275	

```python
# Check if most of docs are merged

count_text, count_train = 0, 0

for doc_type in doc_types:
    count = 0
    for text in text_df.loc[text_df['type']==doc_type]['text']:
        count += len(text.split())
    print("{} words in original text for {}".format(count, doc_type))
    count_text += count

    count = 0
    for text in train_df[doc_type]:
        count += len(text.split())
    print("{} words in merged text for {}".format(count, doc_type))
    count_train += count

print("Total: {} words in original text".format(count_text))
print("Total: {} words in merged text".format(count_train))
print("Total: {} words in text column of merged text".format(train_df['text'].apply(lambda x: len(x.split())).sum()))
```

```
    120036 words in original text for statement
    117456 words in merged text for statement
    1227702 words in original text for minutes
    1180210 words in merged text for minutes
    260491 words in original text for presconf_script
    219491 words in merged text for presconf_script
```

```
        8942114 words in original text for meeting_script
        8942114 words in merged text for meeting_script
        1044550 words in original text for speech
        1037401 words in merged text for speech
        421275 words in original text for testimony
        410549 words in merged text for testimony
        Total: 12016168 words in original text
        Total: 11907221 words in merged text
        Total: 11907221 words in text column of merged text


#print("Before dropping: ", train_df.shape)
#train_df = train_df.loc[train_df['text'] != ""]
#print("After dropping: ", train_df.shape)
#train_df


# Corpus
def create_corpus(df):
    corpus = []

    for x in df['text'].str.split():
        for i in x:
            corpus.append(i.lower())
    return corpus


# Returns Top X frequent stop words
def get_frequent_stop_words(corpus, top_n=10):
    dic = defaultdict(int)
    for word in corpus:
        if word in stop:
            dic[word] += 1

    top = sorted(dic.items(), key=lambda x: x[1], reverse=True)[:top_n]

    return zip(*top)

# Returns Top X frequent non stop words
def get_frequent_nonstop_words(corpus, top_n=10):
    dic = defaultdict(int)
    for word in corpus:
        if word not in stop:
            dic[word] += 1
```

```
    top = sorted(dic.items(), key=lambda x: x[1], reverse=True)[:top_n]

    return zip(*top)


corpus = create_corpus(text_df)


x, y = get_frequent_stop_words(corpus)


print(x)
print(y)

    ('the', 'of', 'to', 'in', 'and', 'that', 'a', 'is', 'we', 'i')
    (723909, 368581, 360789, 305989, 261682, 253165, 217328, 140478, 137545, 134877)


x, y = get_frequent_nonstop_words(corpus)


print(x)
print(y)

    ('would', 'think', 'inflation', 'rate', 'growth', 'policy', 'market', 'going', 'economic', 'percent')
    (59873, 50046, 35052, 33151, 27580, 27056, 26546, 23074, 22686, 22065)


# Check most frequent words which are not in stopwords
counter = Counter(corpus)
most = counter.most_common()[:60]
x, y = [], []
for word, count in most:
    if word not in stop:
        x.append(word)
        y.append(count)

plt.figure(figsize=(15,7))
sns.barplot(x=y, y=x)
```
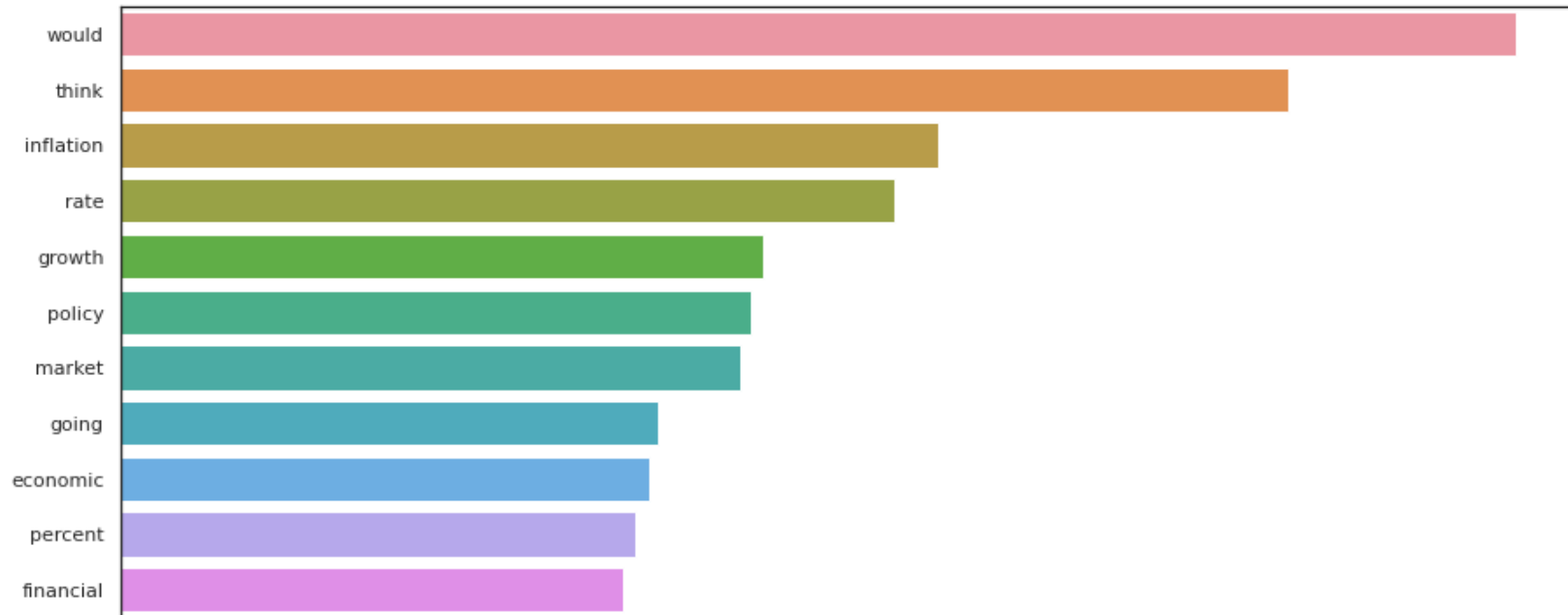
<matplotlib.axes._subplots.AxesSubplot at 0x7fee26072940>


```
# Generate Word Cloud image
from wordcloud import WordCloud, STOPWORDS, ImageColorGenerator

# Create stopword list:
stopwords = set(STOPWORDS)
stopwords.update(["federal", "federal reserve", "financial", "committee", "market", "would", "also"])

text = " ".join(corpus)

# Generate a word cloud image
wordcloud = WordCloud(stopwords=stopwords, max_font_size=50, max_words=100, background_color="white").generate(text)
plt.figure(figsize=(15,7))
# Display the generated image:
# the matplotlib way:
plt.imshow(wordcloud, interpolation="bilinear")
plt.axis("off")
plt.show()
plt.savefig(graph_dir + 'word_cloud_image_corpus_text_df' + '.png')#bbox_inches='tight')
# Generate a word cloud image
wordcloud = WordCloud(stopwords=stopwords, background_color="white").generate(text)
```

```
<Figure size 432x288 with 0 Axes>
```

```
# Load sentiment data
sentiment_df = pd.read_csv('/content/drive/My Drive/Colab Notebooks/proj2/src/data/LoughranMcDonald/LoughranMcDonald_Sentime
print(sentiment_df.shape)
sentiment_df
```

```
(4140, 2)
```

	sentiment	word
0	Negative	ABANDON
1	Negative	ABANDONED
2	Negative	ABANDONING
3	Negative	ABANDONMENT
4	Negative	ABANDONMENTS

```python
# Make all words lower case
sentiment_df['word'] = sentiment_df['word'].str.lower()
sentiments = sentiment_df['sentiment'].unique()
sentiment_df.groupby(by=['sentiment']).count()
```

	word
sentiment	
Constraining	184
Litigious	904
Negative	2355
Positive	354
StrongModal	19
Uncertainty	297
WeakModal	27

```python
sentiment_dict = { sentiment: sentiment_df.loc[sentiment_df['sentiment']==sentiment]['word'].values.tolist() for sentiment i
```

Analyze the tone with negation without lemmatization

```python
# Consider Negation
negate = ["cannot", "ain't", "aren't", "can't",
          "couldn't", "daren't", "didn't", "doesn't", "hadnt", "hasnt", "havent", "isnt", "mightnt", "mustnt",
          "neither", "don't", "hadn't", "hasn't", "haven't", "isn't", "mightn't", "mustn't", "neednt", "needn't",
          "never", "none", "nope", "nor", "not", "nothing", "nowhere", "oughtnt", "shant", "shouldnt", "wasnt",
          "werent", "oughtn't", "shan't", "shouldn't", "wasn't", "weren't", "without", "wont", "wouldnt", "won't",
          "wouldn't", "rarely", "seldom", "despite", "no", "nobody"]


def negated(word):
    """
    Determine if preceding word is a negation word
    """
    if word.lower() in negate:
        return True
    else:
        return False


def tone_count_with_negation_check(dict, article):
    """
    Count positive and negative words with negation check. Account for simple negation only for positive words.
    Simple negation is taken to be observations of one of negate words occurring within three words
    preceding a positive words.
    """
    pos_count = 0
    neg_count = 0
    tone_score = 0

    pos_words = []
    neg_words = []

    input_words = re.findall(r'\b([a-zA-Z]+n\'t|[a-zA-Z]+\'s|[a-zA-Z]+)\b', article.lower())
    word_count = len(input_words)

    for i in range(0, word_count):
        if input_words[i] in dict['Negative']:
            neg_count += 1
            neg_words.append(input_words[i])
        if input_words[i] in dict['Positive']:
            if i >= 3:
                if negated(input_words[i - 1]) or negated(input_words[i - 2]) or negated(input_words[i - 3]):
                    neg_count += 1
                    neg_words.append(input_words[i] + ' (with negation)')
```

```python
                else:
                    pos_count += 1
                    pos_words.append(input_words[i])
            elif i == 2:
                if negated(input_words[i - 1]) or negated(input_words[i - 2]):
                    neg_count += 1
                    neg_words.append(input_words[i] + ' (with negation)')
                else:
                    pos_count += 1
                    pos_words.append(input_words[i])
            elif i == 1:
                if negated(input_words[i - 1]):
                    neg_count += 1
                    neg_words.append(input_words[i] + ' (with negation)')
                else:
                    pos_count += 1
                    pos_words.append(input_words[i])
            elif i == 0:
                pos_count += 1
                pos_words.append(input_words[i])

    if word_count > 0:
        tone_score = 100 * (pos_count - neg_count) / word_count
    else:
        tone_score = 0

    results = [tone_score, word_count, pos_count, neg_count, pos_words, neg_words]

    return results


columns = ['tone_score', 'word_count', 'n_pos_words', 'n_neg_words', 'pos_words', 'neg_words']



# Analyze tone for original text dataframe
print(text_df.shape)
tone_keyword_lm = [tone_count_with_negation_check(sentiment_dict, x) for x in tqdm(text_df['text'], total=text_df.shape[0])]
tone_keyword_lm_df = pd.DataFrame(tone_keyword_lm, columns=columns)
text_df = pd.concat([text_df, tone_keyword_lm_df.reindex(text_df.index)], axis=1)
text_df
```

(7908, 11)

100%   7908/7908 [06:28<00:00, 20.35it/s]

	type	date	title	speaker	word_count	decision	rate	next_meeting	next_decision	next_rate	text	tone_score	wor
0	statement	1994-02-04	FOMC Statement	Alan Greenspan	99	1	3.25	1994-02-28	0	3.25	Chairman Alan Greenspan announced today that t...	0.000000	
1	statement	1994-03-22	FOMC Statement	Alan Greenspan	40	1	3.5	1994-04-18	1	3.75	Chairman Alan Greenspan announced today that t...	0.000000	
2	statement	1994-04-18	FOMC Statement	Alan Greenspan	37	1	3.75	1994-05-17	1	4.25	Chairman Alan Greenspan announced today that t...	0.000000	
3	statement	1994-05-17	FOMC Statement	Alan Greenspan	57	1	4.25	1994-07-06	0	4.25	In taking the discount action, the Board appro...	0.000000	
4	statement	1994-08-16	FOMC Statement	Alan Greenspan	51	1	4.75	1994-09-27	0	4.75	In taking the discount rate action, the Board ...	0.000000	
...	...	...	...	...	...	...	...	...	...	...	...	...	
7903	testimony	2020-05-19	Coronavirus and CARES Act	Jerome Powell	1802	<NA>	None	2020-06-10	0	0.00	I would like to begin by acknowledging the tra...	-0.665927	
7904	testimony	2020-06-16	Semiannual Monetary Policy Report to the Congress	Jerome Powell	1433	<NA>	None	2020-07-29	0	0.00	Our country continues to face a difficult and ...	-0.907188	
7905	testimony	2020-	Coronavirus and CARES	Jerome	2759	<NA>	None	2020-07-29	0	0.00	We meet as the pandemic	-0.108735	

7905	testimony	06-30	and CARES Act	Powell	2700	<NA>	None	2020-07-...	0	0.00	continues to cause tre...	-0.1...
7906	testimony	2020-09-22	Coronavirus Aid, Relief, and Economic Security...	Jerome Powell	2400	<NA>	None	2020-11-05	0	NaN	Chairwoman Waters, Ranking Member McHenry, and...	-0.041667
7907	testimony	2020-12-01	Coronavirus Aid, Relief, and Economic Security...	Jerome Powell	2379	<NA>	None	2020-12-16	0	NaN	The Federal Reserve, along with others across ...	0.084069

7908 rows × 17 columns

```python
# Analyze tone for training dataframe
tone_lmdict_list = []
for doc_type in doc_types:
    tone_lmdict = [tone_count_with_negation_check(sentiment_dict, x)[0] for x in tqdm(train_df[doc_type],
                                                            total=train_df.shape[0],
                                                            desc=doc_type)]

    tone_lmdict_list.append(tone_lmdict)

train_df['tone'] = np.mean(tone_lmdict_list, axis=0)
train_df
```

statement: 100% 398/398 [00:03<00:00, 104.05it/s]

minutes: 100% 398/398 [00:38<00:00, 10.41it/s]

presconf_script: 100% 398/398 [04:48<00:00, 1.38it/s]

meeting_script: 100% 398/398 [04:40<00:00, 1.42it/s]

speech: 100% 398/398 [00:32<00:00, 12.10it/s]

testimony: 100% 398/398 [00:13<00:00, 30.30it/s]

date	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Ba
1982-10-05	-1	0	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1982-11-16	-1	-1	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
1982-12-21	0	-1	-0.382295	39.2	-198.5	1.807631	-0.333333	-0.018226	-3.116275	
1983-01-14	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.018226	-0.774432	
1983-01-21	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.043785	-0.774432	
...	...	...	...	...	...	...	...	...	...	...
2020-03-15	-1	-1	0.527469	50.1	232.5	2.217385	0.000000	-0.058085	13.910886	

2020-03-19	0	-1	0.527469	50.1	232.5	2.217385	0.000000	-0.057139	13.910886
2020-03-23	0	0	0.527469	50.1	232.5	2.217385	0.000000	-0.057139	13.910886
2020-	0	0	0.527469	50.1	232.5	2.217385	0.000000	-0.114279	13.910886

train_df

date	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Ba
1982-10-05	-1	0	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1982-11-16	-1	-1	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
1982-12-21	0	-1	-0.382295	39.2	-198.5	1.807631	-0.333333	-0.018226	-3.116275	
1983-01-14	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.018226	-0.774432	
1983-01-21	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.043785	-0.774432	
...	...	...	...	...	...	...	...	...	...	...

```python
# Show corelations to next_decision TODO
#fig, (ax1, ax2) = plt.subplots(1, 2, figsize=(15,6))
#corr_columns = ['target', 'tone', 'prev_decision']
#sns.heatmap(train_df[corr_columns].astype(float).corr(), cmap="YlGnBu", annot=True, fmt=".2f", ax=ax1, vmin=0, vmax=1)
#ax1.set_title("Correlation of train_df")
#corr_columns = ['next_decision', 'tone_score', 'decision']
#sns.heatmap(text_df[corr_columns].astype(float).corr(), cmap="YlGnBu", annot=True, fmt=".2f", ax=ax2, vmin=0, vmax=1)
#ax2.set_title("Correlation of text_df")
#plt.show()
#plt.savefig(graph_dir + 'corr_next_decision.png', )#bbox_inches='tight')


# Per document type
corr_columns = ['next_decision', 'tone_score', 'type']
doc_types = ['statement', 'minutes', 'presconf_script', 'meeting_script', 'speech', 'testimony']
```

```
fig, ((ax1, ax2, ax3), (ax4, ax5, ax6)) = plt.subplots(2, 3, figsize=(15,7))

axes = [ax1, ax2, ax3, ax4, ax5, ax6]
df = text_df[corr_columns]
for i, doc_type in enumerate(doc_types):
    sns.heatmap(df.loc[df['type'] == doc_type].drop(columns=['type']).astype(float).corr(), cmap="YlGnBu", annot=True, fmt='
    axes[i].set_title(doc_type)

fig.suptitle('Correlation of text_df to next_decision, tone_score per doc_type', fontsize=24)
fig.tight_layout(pad=3.0)
plt.show()
plt.savefig(graph_dir + 'corr_per_doc_type_text_df.png', )#bbox_inches='tight')
```


Correlation of text_df to next_decision
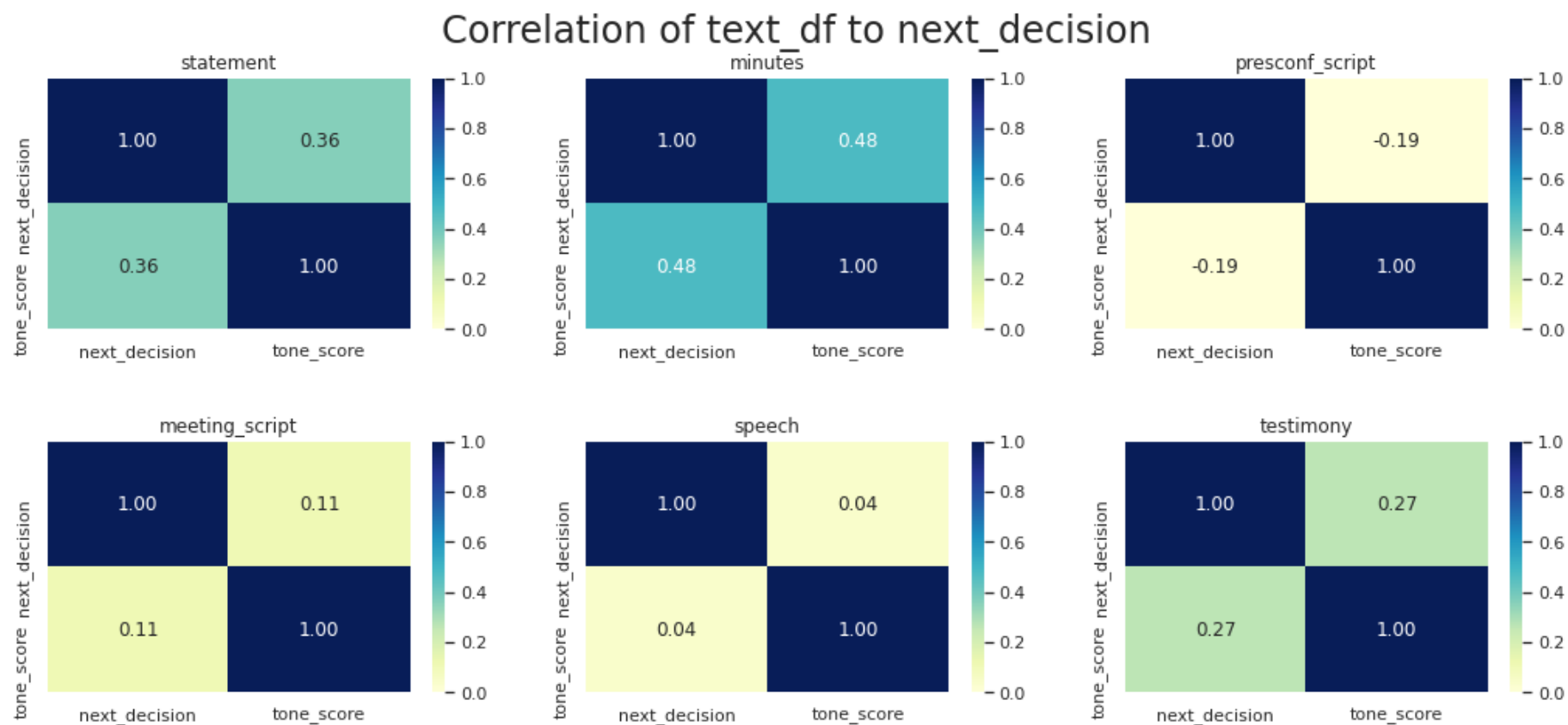
```
def lemmatize_word(word):
    wnl = nltk.stem.WordNetLemmatizer()
```

```python
        return wnl.lemmatize(wnl.lemmatize(word, 'n'), 'v')

def tokenize_df(df, col='text'):
    tokenized = []
    wnl = nltk.stem.WordNetLemmatizer()
    for text in tqdm(df[col]):
        # Filter alphabet words only and non stop words, make it loser case
        words = [word.lower() for word in word_tokenize(text) if ((word.isalpha()==1) & (word not in stop))]
        # Lemmatize words
        tokens = [lemmatize_word(word) for word in words]
        tokenized.append(tokens)
    return tokenized
```

```python
tokenized_org = tokenize_df(text_df)
print('len(tokenized_org): ', len(tokenized_org))
print(tokenized_org[0])
```

```
100%                                    7908/7908 [02:23<00:00, 55.04it/s]
```

```
len(tokenized_org):  7908
['chairman', 'alan', 'greenspan', 'announce', 'today', 'federal', 'open', 'market', 'committee', 'decide', 'increase', 'slightly', 'degree', '
```

```python
# Concat the list to create docs
lemma_docs_org = [" ".join(words) for words in tokenized_org]
print('len(lemma_docs_org): ', len(lemma_docs_org))
print(lemma_docs_org[0])
```

```
len(lemma_docs_org):  7908
chairman alan greenspan announce today federal open market committee decide increase slightly degree pressure reserve position the action expe
```

```python
# Create a list of all the words in the dataframe
all_words_org = [word for text in tokenized_org for word in text]
print('len(all_words_org): ', len(all_words_org))
print(all_words_org[0])
```

```python
# Counter object of all the words
counts_org = Counter(all_words_org)
print('len(counts_org): ', len(counts_org))

# Create a Bag of Word, sorted by the count of words
bow_org = sorted(counts_org, key=counts_org.get, reverse=True)
print('bow_org[:20]', bow_org[:20])

# Indexing vocabrary, starting from 1.
vocab_org = {word: ii for ii, word in enumerate(counts_org, 1)}
id2vocab_org = {v: k for k, v in vocab_org.items()}

print("vocab_org['chairman']: ", vocab_org['chairman'])
print("vocab_org['market']: ", vocab_org['market'])
```

```
len(all_words_org):  6570266
chairman
len(counts_org):  194766
bow_org[:20] ['i', 'rate', 'would', 'think', 'market', 'inflation', 'the', 'policy', 'go', 'price', 'year', 'growth', 'percent', 'say', 'incre
vocab_org['chairman']:  1
vocab_org['market']:  8
```

```python
# Create token id list
token_ids_org = [[vocab_org[word] for word in text_words] for text_words in tokenized_org]
print(len(token_ids_org))
```

```
7908
```

```python
# Add to the dataframe
text_df['tokenized'] = tokenized_org
text_df['token_ids'] = token_ids_org
```

```python
tokenized = tokenize_df(train_df)
print('len(tokenized): ', len(tokenized))
print(tokenized[0])

# Concat the list to create docs
```

```python
lemma_docs = [" ".join(words) for words in tokenized]
print('len(lemma_docs): ', len(lemma_docs))
print(lemma_docs[0])

# Create a list of all the words in the dataframe
all_words = [word for text in tokenized for word in text]
print('len(all_words): ', len(all_words))
print(all_words[0])

# Counter object of all the words
counts = Counter(all_words)
print('len(counts): ', len(counts))

# Create a Bag of Word, sorted by the count of words
bow = sorted(counts, key=counts.get, reverse=True)
print('bow[:20]', bow[:20])

# Indexing vocabrary, starting from 1.
vocab = {word: ii for ii, word in enumerate(counts, 1)}
id2vocab = {v: k for k, v in vocab.items()}

# Create token id list
token_ids = [[vocab[word] for word in text_words] for text_words in tokenized]
print(len(token_ids))

# Add to the dataframe
train_df['tokenized'] = tokenized
train_df['token_ids'] = token_ids
train_df['tokenized_text'] = train_df['tokenized'].apply(lambda x: " ".join(x))
```

```
sns.distplot(train_df['tokenized_text'].apply(lambda x: len(x.split())))
```

```
/usr/local/lib/python3.6/dist-packages/seaborn/distributions.py:2551: FutureWarning: `distplot` is a deprecated function and will be removed i
  warnings.warn(msg, FutureWarning)
<matplotlib.axes._subplots.AxesSubplot at 0x7fedf040b400>
```
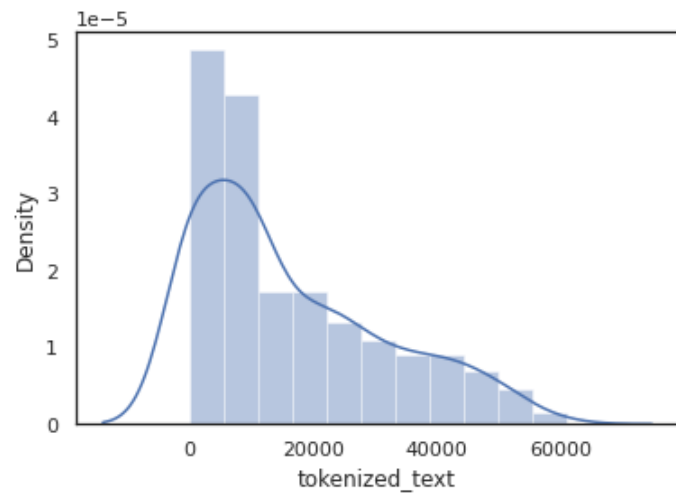


```
len(token_ids[0])
```

```
0
```

Lemmatize sentiment

```
# pd.get_dummies(sentiment_df, prefix=None, dtype=bool)
# sentiment_df.columns = [column.lower() for column in sentiment_df.columns]


# Lemmertize sentiment words as well
lemma_sentiment_df = sentiment_df.copy(deep=True)
lemma_sentiment_df['word'] = [lemmatize_word(word) for word in lemma_sentiment_df['word']]
# Drop duplicates
```

```python
lemma_sentiment_df = sentiment_df.drop_duplicates('word')
# Sentiment list
lemma_sentiments = list(lemma_sentiment_df['sentiment'].unique())
```

```python
lemma_sentiment_df.groupby(by=['sentiment']).count()
```

	word
sentiment	
Constraining	145
Litigious	750
Negative	2355
Positive	354
StrongModal	15
Uncertainty	257

Tfidf

```python
from sklearn.feature_extraction.text import TfidfVectorizer

def get_tfidf(sentiment_words, docs):
    """
    Generate TFIDF values from documents for a certain sentiment

    Parameters
    ----------
    sentiment_words: Pandas Series
        Words that signify a certain sentiment
    docs : list of str
        List of documents used to generate bag of words

    Returns
```

```
    -------
    tfidf : 2-d Numpy Ndarray of float
        TFIDF sentiment for each document
        The first dimension is the document.
        The second dimension is the word.
    """
    vectorizer = TfidfVectorizer(analyzer='word', vocabulary=sentiment_words)
    tfidf = vectorizer.fit_transform(docs)
    features = vectorizer.get_feature_names()

    return tfidf.toarray()
```

Text dataframe

```
# Using the get_tfidf function, let's generate the TFIDF values for all the documents.
sentiment_tfidf_org = {
        sentiment: get_tfidf(lemma_sentiment_df.loc[lemma_sentiment_df['sentiment'] == sentiment]['word'], lemma_docs_org)
        for sentiment in lemma_sentiments}

print(len(sentiment_tfidf_org['Negative']))
print(len(sentiment_tfidf_org['Negative'][0]))
```

```
    7908
    2355
```

```
text_df.shape
```

```
    (7908, 19)
```

```
for sentiment in lemma_sentiments:
    text_df['tfidf_' + sentiment] = list(sentiment_tfidf_org[sentiment])

text_df
```

	type	date	title	speaker	word_count	decision	rate	next_meeting	next_decision	next_rate	text	tone_score	wor
0	statement	1994-02-04	FOMC Statement	Alan Greenspan	99	1	3.25	1994-02-28	0	3.25	Chairman Alan Greenspan announced today that t...	0.000000	
1	statement	1994-03-22	FOMC Statement	Alan Greenspan	40	1	3.5	1994-04-18	1	3.75	Chairman Alan Greenspan announced today that t...	0.000000	
2	statement	1994-04-18	FOMC Statement	Alan Greenspan	37	1	3.75	1994-05-17	1	4.25	Chairman Alan Greenspan announced today that t...	0.000000	
3	statement	1994-05-17	FOMC Statement	Alan Greenspan	57	1	4.25	1994-07-06	0	4.25	In taking the discount action, the Board appro...	0.000000	
4	statement	1994-08-16	FOMC Statement	Alan Greenspan	51	1	4.75	1994-09-27	0	4.75	In taking the discount rate action, the Board ...	0.000000	
...	...	...	...	...	...	...	...	...	...	...	...	...	
7903	testimony	2020-05-19	Coronavirus and CARES Act	Jerome Powell	1802	<NA>	None	2020-06-10	0	0.00	I would like to begin by acknowledging the tra...	-0.665927	
7904	testimony	2020-06-16	Semiannual Monetary Policy Report to the Congress	Jerome Powell	1433	<NA>	None	2020-07-29	0	0.00	Our country continues to face a difficult and ...	-0.907188	

7905	testimony	2020-06-30	Coronavirus and CARES Act	Jerome Powell	2759	<NA>	None	2020-07-29	0	0.00	We meet as the pandemic continues to cause tre...	-0.108735
7906	testimony	2020-09-22	Coronavirus Aid, Relief, and Economic Security...	Jerome Powell	2400	<NA>	None	2020-11-05	0	NaN	Chairwoman Waters, Ranking Member McHenry, and...	-0.041667
7907	testimony	2020-12-01	Coronavirus Aid, Relief, and Economic Security...	Jerome Powell	2379	<NA>	None	2020-12-16	0	NaN	The Federal Reserve, along with others across ...	0.084069

7908 rows × 25 columns

Train dataframe

```python
# Using the get_tfidf function, let's generate the TFIDF values for all the documents.
sentiment_tfidf = {
    sentiment: get_tfidf(lemma_sentiment_df.loc[lemma_sentiment_df['sentiment'] == sentiment]['word'], lemma_docs)
    for sentiment in lemma_sentiments}

print(len(sentiment_tfidf['Negative']))
print(len(sentiment_tfidf['Negative'][0]))

for sentiment in lemma_sentiments:
    train_df['tfidf_' + sentiment] = list(sentiment_tfidf[sentiment])

train_df
```

398
2355

date	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Ba
1982-10-05	-1	0	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1982-11-16	-1	-1	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
1982-12-21	0	-1	-0.382295	39.2	-198.5	1.807631	-0.333333	-0.018226	-3.116275	
1983-01-14	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.018226	-0.774432	
1983-01-21	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.043785	-0.774432	
...	...	...	...	...	...	...	...	...	...	...
2020-03-15	-1	-1	0.527469	50.1	232.5	2.217385	0.000000	-0.058085	13.910886	
2020-03-19	0	-1	0.527469	50.1	232.5	2.217385	0.000000	-0.057139	13.910886	

2020-03-23	0	0	0.527469	50.1	232.5	2.217385	0.000000	-0.057139	13.910886
2020-03-31	0	0	0.527469	50.1	232.5	2.217385	0.000000	-0.114279	13.910886
2020-04-29	0	0	0.527469	49.1	-561.0	-2.491979	-0.300000	-0.431520	12.468252

Using the TFIDF values, we'll calculate the cosine similarity and plot it over time. Implement `get_cosine_similarity` to return the cosine similarities between each tick in time. Since the input, `tfidf_matrix`, is a TFIDF vector for each time period in order, you just need to computer the cosine similarities for each neighboring vector.

```
from sklearn.metrics.pairwise import cosine_similarity

def get_cosine_similarity(tfidf_matrix):
    """
    Get cosine similarities for each neighboring TFIDF vector/document

    Parameters
    ----------
    tfidf : 2-d Numpy Ndarray of float
        TFIDF sentiment for each document
        The first dimension is the document.
        The second dimension is the word.

    Returns
    -------
    cosine_similarities : list of float
        Cosine similarities for neighboring documents
    """
    #print(tfidf_matrix)
    return [cosine_similarity(u.reshape(1,-1), v.reshape(1,-1))[0][0].tolist() for u, v in zip(tfidf_matrix, tfidf_matrix[1:
```

```python
cosine_similarities = {
    sentiment_name: get_cosine_similarity(sentiment_values)
    for sentiment_name, sentiment_values in sentiment_tfidf.items()}

print(len(cosine_similarities['Negative']))
```

    397

```python
for sentiment in lemma_sentiments:
    # Add 0 to the first element as there is no comparison available to a previous value
    cosine_similarities[sentiment].insert(0, 0)
    train_df['cos_sim_' + sentiment] = cosine_similarities[sentiment]

train_df
```

date	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Ba
1982-10-05	-1	0	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1982-11-16	-1	-1	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
1982-12-21	0	-1	-0.382295	39.2	-198.5	1.807631	-0.333333	-0.018226	-3.116275	
1983-01-14	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.018226	-0.774432	
1983-01-21	0	0	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.043785	-0.774432	
...	...	...	...	...	...	...	...	...	...	...
2020-03-15	-1	-1	0.527469	50.1	232.5	2.217385	0.000000	-0.058085	13.910886	
2020-03-19	0	-1	0.527469	50.1	232.5	2.217385	0.000000	-0.057139	13.910886	

```
w corelations to target
ax = plt.subplots(figsize=(15,6))
columns = ['target', 'tone', 'cos_sim_Negative', 'cos_sim_Positive', 'cos_sim_Uncertainty', 'cos_sim_Litigious', 'cos_sim_St
```

```
eatmap(train_df[corr_columns].astype(float).corr(), cmap="YlGnBu", annot=True, fmt=".2f", ax=ax, vmin=0, vmax=1)
t_title("Correlation of train_df")
how()
avefig(graph_dir + 'corr_per_doc_type_train_df.png', )#bbox_inches='tight')
```

Correlation of train_df

	target	tone	cos_sim_Negative	cos_sim_Positive	cos_sim_Uncertainty	cos_sim_Litigious	cos_sim_StrongModal	cos_sim_Constraining
target	1.00	0.21	0.15	0.15	0.12	0.13	0.11	0.14
tone	0.21	1.00	-0.34	-0.32	-0.36	-0.41	-0.37	-0.34
cos_sim_Negative	0.15	-0.34	1.00	0.98	0.97	0.87	0.94	0.93
cos_sim_Positive	0.15	-0.32	0.98	1.00	0.97	0.87	0.95	0.93
cos_sim_Uncertainty	0.12	-0.36	0.97	0.97	1.00	0.87	0.95	0.94
cos_sim_Litigious	0.13	-0.41	0.87	0.87	0.87	1.00	0.84	0.87
cos_sim_StrongModal	0.11	-0.37	0.94	0.95	0.95	0.84	1.00	0.91
cos_sim_Constraining	0.14	-0.34	0.93	0.93	0.94	0.87	0.91	1.00

```
<Figure size 432x288 with 0 Axes>
```

Convert target class for classification

```
def convert_class(x):
    if x == 1:
        return 2
    elif x == 0:
        return 1
```

```
        return 1
    elif x == -1:
        return 0


train_df['target'] = train_df['target'].map(convert_class)



train_df['prev_decision'] = train_df['prev_decision'].map(convert_class)
```

Modeling and Training

```python
# Use Stratified KFold Cross Validation
# Training data is not so many, keep n_split <= 5
kfold = StratifiedKFold(n_splits=3)
kfold
```

```
    StratifiedKFold(n_splits=3, random_state=None, shuffle=False)
```

```python
def metric(y_true, y_pred):
    acc = accuracy_score(y_true, y_pred)
    f1 = f1_score(y_true, y_pred, average='macro')
    return acc, f1

scoring = {'Accuracy': 'accuracy', 'F1': 'f1_macro'}
refit = 'F1'


def train_grid_search(estimator, param_grid, feature, scoring, refit, cv=5, verbose=1, plot=True):
    model = GridSearchCV(estimator, param_grid=param_grid, cv=cv, scoring=scoring, verbose=verbose,
                         refit=refit, n_jobs=-1, return_train_score=True)
    model.fit(X_train, Y_train)

    results = model.cv_results_
    best_estimator = model.best_estimator_
    train_scores = results['mean_train_' + refit]
```

```python
test_scores = results['mean_test_' + refit]
train_time = results['mean_fit_time']

print("Best Score: ", model.best_score_)
print("Best Param: ", model.best_params_)

pred_train = best_estimator.predict(X_train)
pred_test = best_estimator.predict(X_test)

acc, f1 = metric(Y_train, pred_train)
logger.info('Training - acc: %.8f, f1: %.8f' % (acc, f1))
acc, f1 = metric(Y_test, pred_test)
logger.info('Test - acc: %.8f, f1: %.8f' % (acc, f1))

if plot:
    fig, (ax1, ax2, ax3) = plt.subplots(1, 3, figsize=(15, 5))
    fig.suptitle("GridSearchCV Result", fontsize=20)

    ### First plot ###
    ax1.plot(train_scores, test_scores, 'bo')
    ax1.set_title("Train Score v.s. Test Score", fontsize=16)
    ax1.set_xlabel("Train Score")
    ax1.set_ylabel("Test Score")
    ax1.set_xlim(0, 1)
    ax1.set_ylim(0, 1)
    ax1.grid(True)

    ### Second plot ###
    x_param = list(param_grid.keys())[0]
    x_param_min = np.min(list(param_grid.values())[0])
    x_param_max = np.max(list(param_grid.values())[0])

    ax2.set_title("Score over the first param", fontsize=16)
    ax2.set_xlabel(x_param)
    ax2.set_ylabel("Score")
    ax2.set_xlim(x_param_min, x_param_max)
    ax2.set_ylim(0, 1)

    # Get the regular numpy array from the MaskedArray
    X_axis = np.array(results['param_' + x_param].data, dtype=float)

    for scorer, color in zip(sorted(scoring), ['r', 'g']):
```

```python
    for sample, style in (('train', '--'), ('test', '-')):
        sample_score_mean = results['mean_%s_%s' % (sample, scorer)]
        sample_score_std = results['std_%s_%s' % (sample, scorer)]
        ax2.fill_between(X_axis, sample_score_mean - sample_score_std,
                         sample_score_mean + sample_score_std,
                         alpha=0.1 if sample == 'test' else 0, color=color)
        ax2.plot(X_axis, sample_score_mean, style, color=color,
                 alpha=1 if sample == 'test' else 0.7,
                 label="%s (%s)" % (scorer, sample.capitalize()))

    best_index = np.nonzero(results['rank_test_%s' % scorer] == 1)[0][0]
    best_score = results['mean_test_%s' % scorer][best_index]

    # Plot a dotted vertical line at the best score for that scorer marked by x
    ax2.plot([X_axis[best_index], ] * 2, [0, best_score],
             linestyle='-.', color=color, marker='x', markeredgewidth=3, ms=8)

    # Annotate the best score for that scorer
    ax2.annotate("%0.2f" % best_score,
                 (X_axis[best_index], best_score + 0.005))

ax2.legend(loc="best")
ax2.grid(False)


### Third plot (Learning Curve) ###
# Calculate learning curve (Accuracy)
lc_acc_train_sizes, lc_acc_train_scores, lc_acc_test_scores = learning_curve(
    best_estimator, X_train, Y_train, cv=kfold, n_jobs=-1, scoring=scoring['Accuracy'],
    train_sizes=np.linspace(.1, 1.0, 5))
lc_acc_train_mean = np.mean(lc_acc_train_scores, axis=1)
lc_acc_train_std = np.std(lc_acc_train_scores, axis=1)
lc_acc_test_mean = np.mean(lc_acc_test_scores, axis=1)
lc_acc_test_std = np.std(lc_acc_test_scores, axis=1)


# Calculate learning curve (F1 Score)
lc_f1_train_sizes, lc_f1_train_scores, lc_f1_test_scores = learning_curve(
    best_estimator, X_train, Y_train, cv=kfold, n_jobs=-1, scoring=scoring['F1'],
    train_sizes=np.linspace(.1, 1.0, 5))
lc_f1_train_mean = np.mean(lc_f1_train_scores, axis=1)
lc_f1_train_std = np.std(lc_f1_train_scores, axis=1)
lc_f1_test_mean = np.mean(lc_f1_test_scores, axis=1)
lc_f1_test_std = np.std(lc_f1_test_scores, axis=1)
```

```python
ax3.set_title("Learning Curve", fontsize=16)
ax3.set_xlabel("Training examples")
ax3.set_ylabel("Score")

# Plot learning curve (Accuracy)
ax3.fill_between(lc_acc_train_sizes,
                 lc_acc_train_mean - lc_acc_train_std,
                 lc_acc_train_mean + lc_acc_train_std, alpha=0.1, color="r")
ax3.fill_between(lc_acc_train_sizes,
                 lc_acc_test_mean - lc_acc_test_std,
                 lc_acc_test_mean + lc_acc_test_std, alpha=0.1, color="r")
ax3.plot(lc_acc_train_sizes, lc_acc_train_mean, 'o--', color="r",
         label="Accuracy (Train)")
ax3.plot(lc_acc_train_sizes, lc_acc_test_mean, 'o-', color="r",
         label="Accuracy (Test)")

# Plot learning curve (F1 Score)
ax3.fill_between(lc_f1_train_sizes,
                 lc_f1_train_mean - lc_f1_train_std,
                 lc_f1_train_mean + lc_f1_train_std, alpha=0.1, color="g")
ax3.fill_between(lc_f1_train_sizes,
                 lc_f1_test_mean - lc_f1_test_std,
                 lc_f1_test_mean + lc_f1_test_std, alpha=0.1, color="g")
ax3.plot(lc_f1_train_sizes, lc_f1_train_mean, 'o--', color="g",
         label="F1 (Train)")
ax3.plot(lc_f1_train_sizes, lc_f1_test_mean, 'o-', color="g",
         label="F1 (Test)")

ax3.legend(loc="best")
ax3.grid(True)

plt.tight_layout(pad=3.0)
plt.show()
plt.savefig(graph_dir + 'tgs_learning_curve_{}'.format(feature) + '.png')#bbox_inches='tight')


### Confusion Matrix ###
class_names = ['Lower', 'Hold', 'Raise']
fig, ((ax1, ax2), (ax3, ax4)) = plt.subplots(2, 2, figsize=(15, 10))
fig.suptitle("Confusion Matrix", fontsize=20)
```

```python
    plot_confusion_matrix(best_estimator, X_train, Y_train, display_labels=class_names,
                          cmap=plt.cm.Blues, normalize=None, ax=ax1)
    ax1.set_title("Train Data: Actual Count")
    ax1.grid(False)

    plot_confusion_matrix(best_estimator, X_train, Y_train, display_labels=class_names,
                          cmap=plt.cm.Blues, normalize='all', ax=ax2)
    ax2.set_title=("Train Data: Normalized")
    ax2.grid(False)

    plot_confusion_matrix(best_estimator, X_test, Y_test, display_labels=class_names,
                          cmap=plt.cm.Blues, normalize=None, ax=ax3)
    ax3.set_title=("Test Data: Actual Count")
    ax3.grid(False)

    plot_confusion_matrix(best_estimator, X_test, Y_test, display_labels=class_names,
                          cmap=plt.cm.Blues, normalize='all', ax=ax4)
    ax4.set_title("Test Data: Normalized")
    ax4.grid(False)

    plt.tight_layout(pad=3.0)
    plt.show()
    plt.savefig(graph_dir + 'conf_mats_{}'.format(feature) + '.png')#bbox_inches='tight')


    return model
```

A. Cosin Similarity

Train and Test Data

```
train_df.columns
```

```
Index(['target', 'prev_decision', 'GDP_diff_prev', 'PMI_value',
       'Employ_diff_prev', 'Rsales_diff_year', 'Unemp_diff_prev',
       'Inertia_diff', 'Hsales_diff_year', 'Balanced_diff', 'statement',
       'minutes', 'presconf_script', 'meeting_script', 'speech', 'testimony',
```

```
          'text', 'tone', 'tokenized', 'token_ids', 'tokenized_text',
          'tfidf_Negative', 'tfidf_Positive', 'tfidf_Uncertainty',
          'tfidf_Litigious', 'tfidf_StrongModal', 'tfidf_Constraining',
          'cos_sim_Negative', 'cos_sim_Positive', 'cos_sim_Uncertainty',
          'cos_sim_Litigious', 'cos_sim_StrongModal', 'cos_sim_Constraining'],
        dtype='object')


# X and Y data used
Y_data = train_df['target']
X_data = train_df[nontext_columns + ['tone', 'cos_sim_Negative', 'cos_sim_Positive', 'cos_sim_Uncertainty',
                                     'cos_sim_Litigious', 'cos_sim_StrongModal', 'cos_sim_Constraining']]

# Train test split (Shuffle=False will make the test data for the most recent ones)
X_train, X_test, Y_train, Y_test = \
model_selection.train_test_split(X_data.values, Y_data.values, test_size=0.2, shuffle=True)
```

Train

```
# Random Forest
rf_clf = RandomForestClassifier()

# Perform Grid Search
param_grid = {'n_estimators': np.linspace(1, 60, 10, dtype=int),
              'min_samples_split': [3, 10],
              'min_samples_leaf': [3],
              'max_features': [7],
              'max_depth': [None],
              'criterion': ['gini'],
              'bootstrap': [False]}

rf_model = train_grid_search(rf_clf, param_grid, 'tgs_target_cos_sim', scoring, refit, cv=kfold, verbose=1, plot=True)
rf_best = rf_model.best_estimator_
```

```
Fitting 3 folds for each of 20 candidates, totalling 60 fits
[Parallel(n_jobs=-1)]: Using backend LokyBackend with 4 concurrent workers.
[Parallel(n_jobs=-1)]: Done  44 tasks       | elapsed:    1.9s
[Parallel(n_jobs=-1)]: Done  60 out of  60 | elapsed:    2.3s finished
[2021-01-25 02:23:05,361][INFO] ## Training - acc: 0.89622642, f1: 0.86421215
[2021-01-25 02:23:05,364][INFO] ## Test - acc: 0.63750000, f1: 0.54134995
Best Score:  0.590037028839565
Best Param:  {'bootstrap': False, 'criterion': 'gini', 'max_depth': None, 'max_features': 7, 'min_samples_leaf': 3, 'min_samples_split': 3, 'n_
```


GridSearchCV Result

```
<Figure size 432x288 with 0 Axes>
```


Confusion Matrix

	Lower	Hold	Raise
Predicted label			

	Lower	Hold	Raise
Lower	9	5	1
Hold	9	38	4

True label

Test Data: Normalized

	Lower	Hold	Raise
Predicted label			

	Lower	Hold	Raise
Lower	0.11	0.062	0.013
Hold	0.11	0.47	0.05

True label
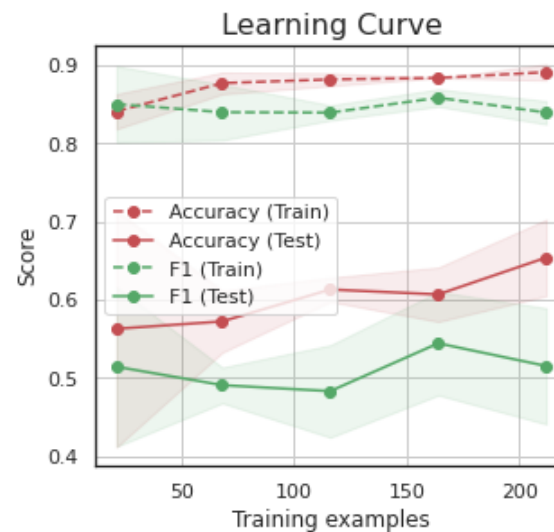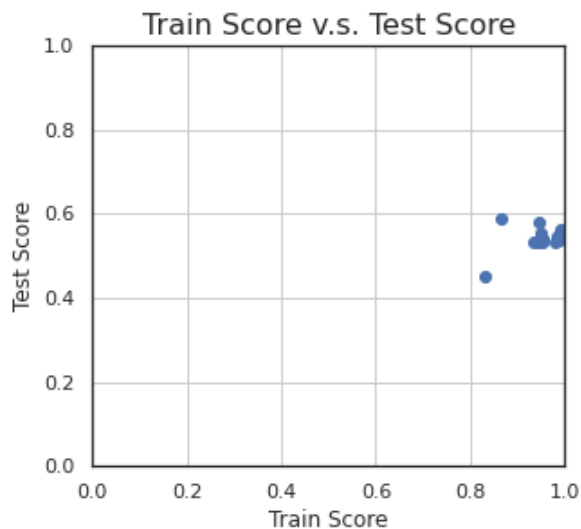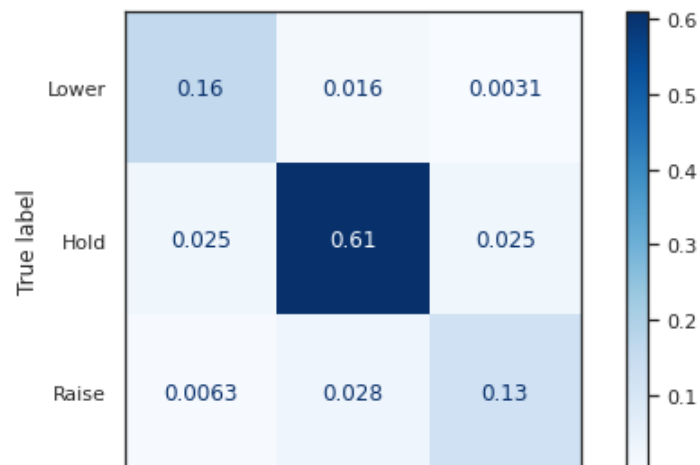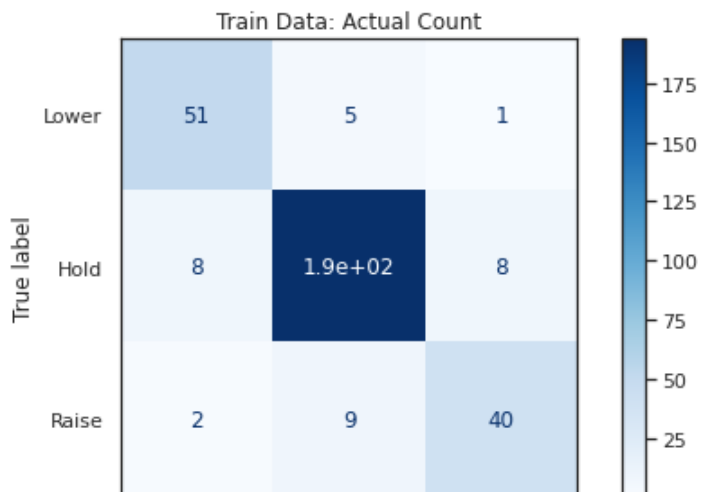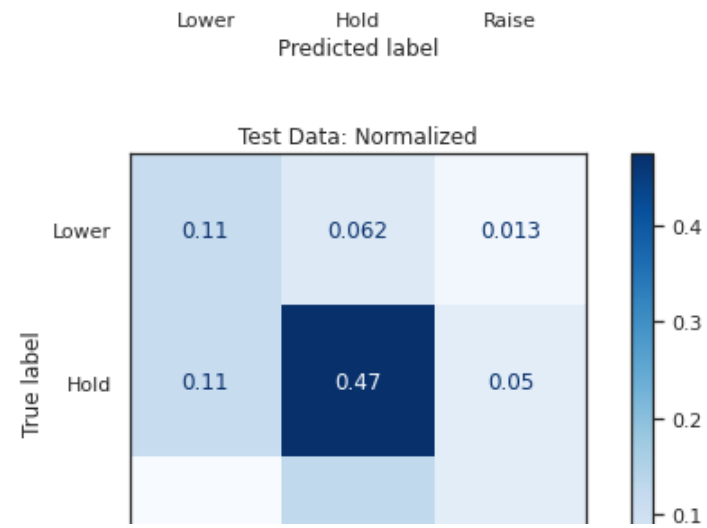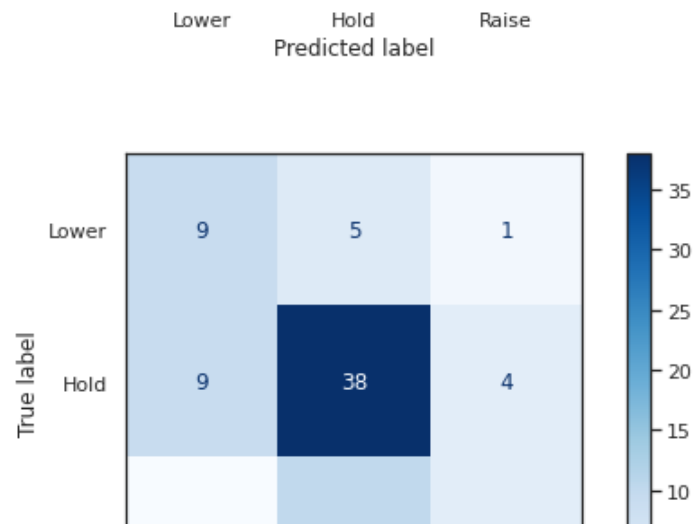
```
# Feature Importance
fig, ax = plt.subplots(figsize=(10,8))

indices = np.argsort(rf_best.feature_importances_)[::-1][:40]
g = sns.barplot(y=X_data.columns[indices][:40], x=rf_best.feature_importances_[indices][:40] , orient='h', ax=ax)
g.set_xlabel("Relative importance", fontsize=12)
g.set_ylabel("Features", fontsize=12)
g.tick_params(labelsize=9)
g.set_title("Feature importance")
```

```
Text(0.5, 1.0, 'Feature importance')
```
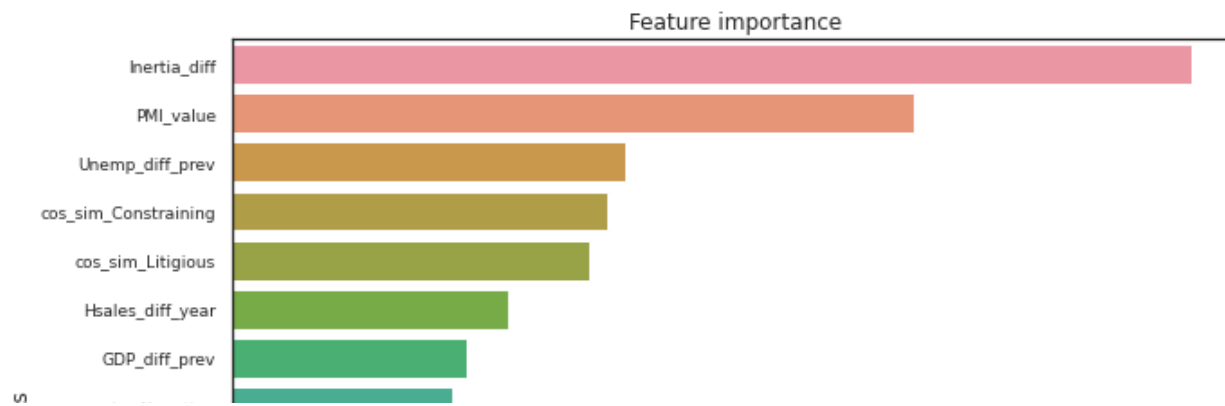

B. Tfidf

Use Tfidf instead of cosin similarity

Train and Test Data

```
train_df
```

date	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Ba
1982-10-05	0	1	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1982-11-16	0	0	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
1982-12-21	1	0	-0.382295	39.2	-198.5	1.807631	-0.333333	-0.018226	-3.116275	
1983-01-14	1	1	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.018226	-0.774432	
1983-01-21	1	1	-0.382295	42.8	-68.0	1.807631	-0.233333	-0.043785	-0.774432	
...	...	...	...	...	...	...	...	...	...	...
2020-03-15	0	0	0.527469	50.1	232.5	2.217385	0.000000	-0.058085	13.910886	
2020-03-19	1	0	0.527469	50.1	232.5	2.217385	0.000000	-0.057139	13.910886	

```python
vocabulary=sentiment_dict['Negative']+sentiment_dict['Positive']


# X and Y data used
Y_data = train_df['target']
X_data = train_df[nontext_columns + ['tone', 'tokenized_text']]

# Train test split (Shuffle=False will make the test data for the most recent ones)
X_train, X_test, Y_train, Y_test = \
model_selection.train_test_split(X_data.values, Y_data.values, test_size=0.2, shuffle=True)
```

| | 2020- | | | 0.597400 | 49.1 | 501.0 | 0.401070 | 0.000000 | 0.401500 | 10.460050 |

```python
import scipy
def get_numeric_data(x):
    return [record[:-2].astype(float) for record in x]

def get_text_data(x):
    return [record[-1] for record in x]

from sklearn.preprocessing import FunctionTransformer
transfomer_numeric = FunctionTransformer(get_numeric_data)
transformer_text = FunctionTransformer(get_text_data)

clf = Pipeline([
    ('features', FeatureUnion([
            ('numeric_features', Pipeline([
                ('selector', transfomer_numeric)
            ])),
             ('text_features', Pipeline([
                ('selector', transformer_text),
                ('vec', TfidfVectorizer(analyzer='word', vocabulary=vocabulary))
            ))
        ])),
    ('clf', RandomForestClassifier())
])


pipeline = Pipeline([
    ('features', FeatureUnion([
            ('numeric_features', Pipeline([
                ('selector', transfomer_numeric)
            ])),
             ('text features', Pipeline([
```

```python
                                  ('selector', transformer_text),
                                  ('vec', TfidfVectorizer(analyzer='word'))
                         ]))
                  ])),
            ('clf', RandomForestClassifier())
      ])


# Perform Grid Search
param_grid = {'clf__n_estimators': np.linspace(1, 60, 10, dtype=int),
              'clf__min_samples_split': [3, 10],
              'clf__min_samples_leaf': [3],
              'clf__max_features': [7],
              'clf__max_depth': [None],
              'clf__criterion': ['gini'],
              'clf__bootstrap': [False]}


rf_model = train_grid_search(pipeline, param_grid, 'target_tf_idf', scoring, refit, cv=kfold, verbose=1, plot=True)
rf_best = rf_model.best_estimator_
```

```
Fitting 3 folds for each of 20 candidates, totalling 60 fits
[Parallel(n_jobs=-1)]: Using backend LokyBackend with 4 concurrent workers.
[Parallel(n_jobs=-1)]: Done  42 tasks      | elapsed:  2.0min
[Parallel(n_jobs=-1)]: Done  60 out of  60 | elapsed:  2.7min finished
Best Score:  0.2766566368972143
Best Param:  {'clf__bootstrap': False, 'clf__criterion': 'gini', 'clf__max_depth': None, 'clf__max_features': 7, 'clf__min_samples_leaf': 3, '
[2021-01-25 02:25:57,369][INFO] ## Training - acc: 0.65094340, f1: 0.30743416
[2021-01-25 02:25:57,371][INFO] ## Test - acc: 0.70000000, f1: 0.27450980
```

GridSearchCV Result


```
<Figure size 432x288 with 0 Axes>
```
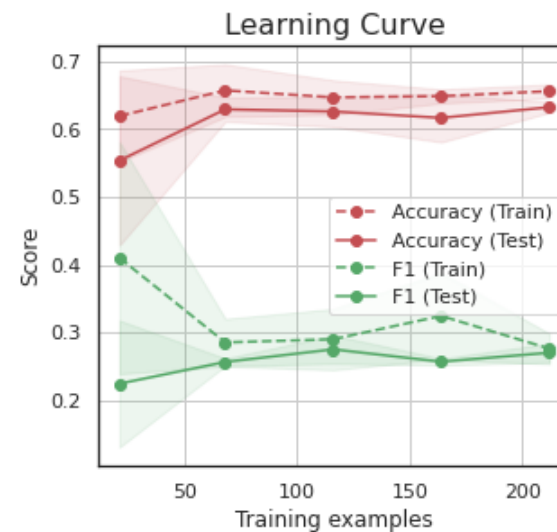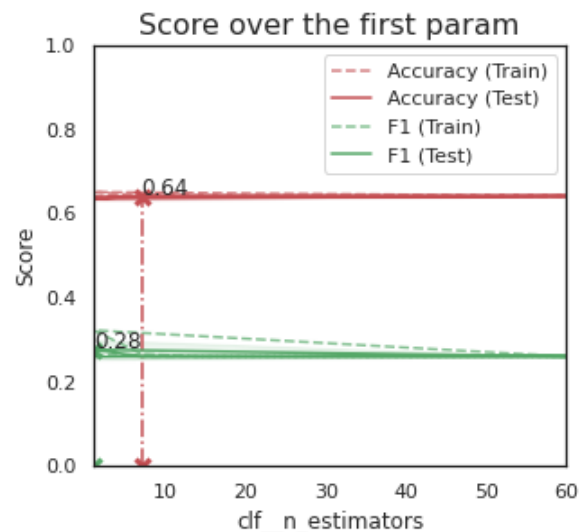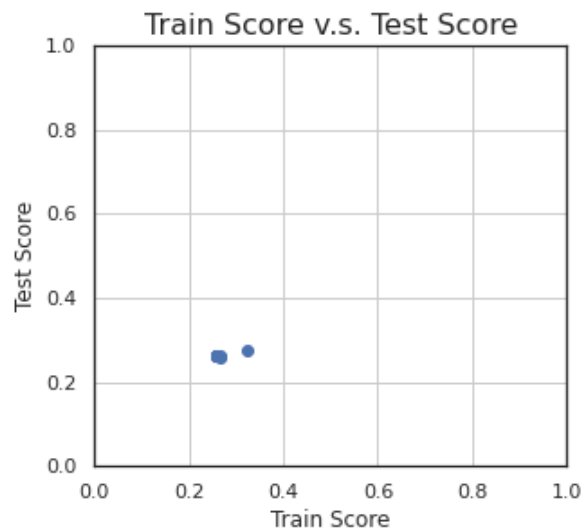
Confusion Matrix
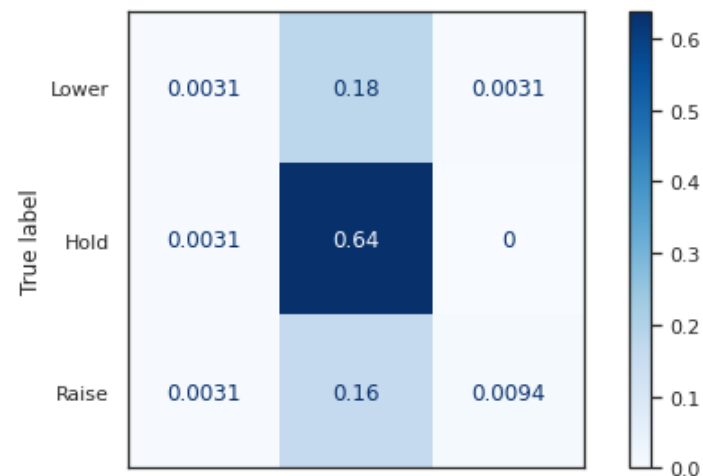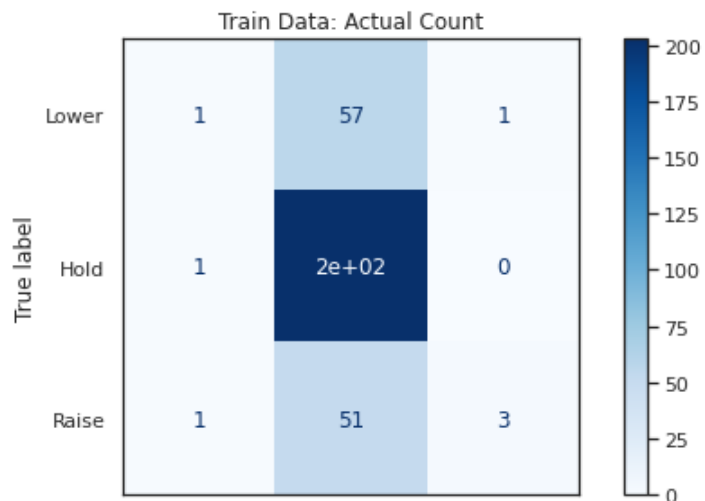
C. LSTM (RNN)

Instead of Tfidf, use LSTM. Concatinate the lstm output and the meta data at the end and dense layer to fully connect them.

— 50

Input Data

```python
# # Split data into training and validation datasets. Use an appropriate split size.

# split_frac = 0.8

# split_idx = int(len(token_ids)*split_frac)

# train_features = token_ids[:split_idx]
# valid_features = token_ids[split_idx:]
# train_labels = Y_data[:split_idx]
# valid_labels = Y_data[split_idx:]

# print("len(token_ids): ", len(token_ids))
# print("len(train_features): ", len(train_features))
# print("len(valid_features): ", len(valid_features))
# print("len(train_labels): ", len(train_labels))
# print("len(valid_labels): ", len(valid_labels))

# X and Y data used
y_data = train_df['target']
X_data = train_df[nontext_columns + ['tone', 'token_ids']]

# Train test split (Shuffle=False will make the test data for the most recent ones)
X_train, X_valid, y_train, y_valid = \
model_selection.train_test_split(X_data.values, y_data.values, test_size=0.2, shuffle=True)

X_train_meta = get_numeric_data(X_train)
X_train_text = get_text_data(X_train)
X_valid_meta = get_numeric_data(X_valid)
X_valid_text = get_text_data(X_valid)

print('Shape of train meta', len(X_train_meta))
print('Shape of train text', len(X_train_text))
```

```python
print("Shape of valid meta ", len(X_valid_meta))
print("Shape of valid text ", len(X_valid_text))

meta_size = len(X_train_meta[0])
print("Meta data size: ", meta_size)
```

```
Shape of train meta 318
Shape of train text 318
Shape of valid meta  80
Shape of valid text  80
Meta data size:  9
```

Model

Embed -> RNN -> Dense -> Softmax

```python
class TextClassifier(nn.Module):
    def __init__(self, vocab_size, embed_size, lstm_size, dense_size, meta_size, output_size, lstm_layers=1, dropout=0.1):
        """
        Initialize the model
        """
        super().__init__()
        self.vocab_size = vocab_size
        self.embed_size = embed_size
        self.lstm_size = lstm_size
        self.output_size = output_size
        self.lstm_layers = lstm_layers
        self.dropout = dropout

        self.embedding = nn.Embedding(vocab_size, embed_size)
        self.lstm = nn.LSTM(embed_size, lstm_size, lstm_layers, dropout=dropout, batch_first=False)
        self.dropout = nn.Dropout(0.2)
        self.fc1 = nn.Linear(lstm_size, dense_size)
        self.fc2 = nn.Linear(dense_size + meta_size, output_size)
        self.softmax = nn.LogSoftmax(dim=1)

    def init_hidden(self, batch_size):
        """
        Initialize the hidden state
```

```
        """

        weight = next(self.parameters()).data
        # print('initial weight size: ', weight.shape)
        # print('initial weight: ', weight)
        # print('initial weight new: ', weight.new(self.lstm_layers, batch_size, self.lstm_size))

        hidden = (weight.new(self.lstm_layers, batch_size, self.lstm_size).zero_(),
                  weight.new(self.lstm_layers, batch_size, self.lstm_size).zero_())

        return hidden

    def forward(self, nn_input_text, nn_input_meta, hidden_state):
        """
        Perform a forward pass of the model on nn_input
        """
        batch_size = nn_input_text.size(0)
        nn_input_text = nn_input_text.long()
        embeds = self.embedding(nn_input_text)
        lstm_out, hidden_state = self.lstm(embeds, hidden_state)
        # Stack up LSTM outputs, apply dropout
        lstm_out = lstm_out[-1,:,:]
        lstm_out = self.dropout(lstm_out)
        # Dense layer
        dense_out = self.fc1(lstm_out)
        # Concatinate the dense output and meta inputs
        concat_layer = torch.cat((dense_out, nn_input_meta.float()), 1)
        out = self.fc2(concat_layer)
        logps = self.softmax(out)

        return logps, hidden_state
```

DataLoaders and Batching

can use keras functions but let's do it from scratch

```
# from keras.preprocessing.text import Tokenizer
# from keras.preprocessing.sequence import pad_sequences
```

```python
# MAX_LEN = 100
# tokenizer_obj = Tokenizer()
# tokenizer_obj.fit_on_texts(balanced['texts'])
# sequences = tokenizer_obj.texts_to_sequences(balanced['texts'])

# text_pad = pad_sequences(sequences, maxlen=MAX_LEN, truncating='post', padding='post')
# text_pad


def dataloader(messages, meta, labels, sequence_length=200, batch_size=16, shuffle=False):
    """
    Build a dataloader.
    """
    if shuffle:
        indices = list(range(len(messages)))
        random.shuffle(indices)
        messages = [messages[idx] for idx in indices]
        meta = [meta[idx] for idx in indices]
        labels = [labels[idx] for idx in indices]

    total_sequences = len(messages)

    for ii in range(0, total_sequences, batch_size):
        batch_messages = messages[ii: ii+batch_size]

        # First initialize a tensor of all zeros
        batch = torch.zeros((sequence_length, len(batch_messages)), dtype=torch.int64)
        for batch_num, tokens in enumerate(batch_messages):
            token_tensor = torch.tensor(tokens)
            # print(len(tokens))
            # print(len(tokens[0]))
            # print(token_tensor.shape)
            # Left pad!
            start_idx = max(sequence_length - len(token_tensor), 0)
            # print(token_tensor[:sequence_length].shape)
            # print(start_idx, batch_num)
            batch[start_idx:, batch_num] = token_tensor[:sequence_length]
        label_tensor = torch.tensor(labels[ii: ii+len(batch_messages)])
        meta_tensor = torch.tensor(meta[ii: ii+len(batch_messages)])

        yield batch, meta_tensor, label_tensor
```

```
# Test
text_batch, meta_batch, labels = next(iter(dataloader(X_train_text, X_train_meta, y_train)))
model = TextClassifier(len(vocab), 512, 128, 8, meta_size, 3)
hidden = model.init_hidden(16)
logps, hidden = model.forward(text_batch, meta_batch, hidden)
print(logps)
```

```
    tensor([[-6.3247e+00, -2.6251e+01, -1.7930e-03],
            [-7.0507e+01, -8.0183e+01,  0.0000e+00],
            [-1.1054e-03, -2.3191e+01, -6.8081e+00],
            [ 0.0000e+00, -3.4561e+01, -8.8343e+01],
            [-9.7853e+01, -9.8601e+01,  0.0000e+00],
            [-5.2494e+01, -6.0020e+01,  0.0000e+00],
            [-6.9492e+01, -7.4718e+01,  0.0000e+00],
            [-5.2425e+01, -6.0219e+01,  0.0000e+00],
            [-7.2000e+01, -7.7563e+01,  0.0000e+00],
            [-5.4865e+01, -6.4321e+01,  0.0000e+00],
            [-8.8363e-03, -1.9227e+01, -4.7333e+00],
            [-7.0374e+00, -2.7289e+01, -8.7878e-04],
            [-8.8774e+01, -9.3219e+01,  0.0000e+00],
            [-9.2597e+01, -9.6765e+01,  0.0000e+00],
            [ 0.0000e+00, -4.5709e+01, -1.3396e+02],
            [-3.6579e+01, -5.0614e+01,  0.0000e+00]], grad_fn=<LogSoftmaxBackward>)
    /usr/local/lib/python3.6/dist-packages/torch/nn/modules/rnn.py:61: UserWarning: dropout option adds dropout after all but last recurrent layer
      "num_layers={}".format(dropout, num_layers))
```

Configure the model and train!

```
# Set model
device = torch.device('cuda' if torch.cuda.is_available() else 'cpu')
model = TextClassifier(len(vocab)+1, 512, 128, 8, meta_size, 3, lstm_layers=2, dropout=0.2)
model.embedding.weight.data.uniform_(-1, 1)
model.to(device)
```

```
    TextClassifier(
      (embedding): Embedding(194295, 512)
      (lstm): LSTM(512, 128, num_layers=2, dropout=0.2)
      (dropout): Dropout(p=0.2, inplace=False)
      (fc1): Linear(in_features=128, out_features=8, bias=True)
      (fc2): Linear(in_features=17, out_features=3, bias=True)
```

```python
      (softmax): LogSoftmax(dim=1)
    )

def train_model(model, epochs=3, batch_size=8, learning_rate=1e-4, sequence_length=200, clip=5, print_every=950):
    criterion = nn.NLLLoss()
    optimizer = optim.Adam(model.parameters(), lr=learning_rate)
    model.train()

    for epoch in range(epochs):
        print('Starting epoch {}'.format(epoch + 1))
        hidden = model.init_hidden(batch_size)
        steps = 0
        y_valid_epoch = []
        predicted_valid_epoch = []

        for text_batch, meta_batch, labels in dataloader(X_train_text, X_train_meta, y_train, batch_size=batch_size, sequence_le
            steps += 1
            # Skip the last batch of which size is not equal to batch_size
            if text_batch.size(1) != batch_size:
                break

            # Creating new variables for the hidden state to avoid backprop entire training history
            hidden = tuple([each.data for each in hidden])

            # Set Device
            text_batch, meta_batch, labels = text_batch.to(device), meta_batch.to(device), labels.to(device)
            for each in hidden:
                each.to(device)

            # optimizer.zero_grad()
            model.zero_grad()

            # Get output and hidden state from the model
            output, hidden = model(text_batch, meta_batch, hidden)

            # Calculate the loss and perform backprop
            loss = criterion(output, labels)
            loss.backward()

            # Clip the gradient to prevent the exploading gradient problem in RNN/LSTM
            nn.utils.clip_grad_norm_(model.parameters(), clip)

            # Optimize
```

```
# optimize
optimizer.step()

if steps % print_every == 0:
  model.eval()
  valid_losses = []
  accuracy = []
  predicted_valid = []
  y_valid_batch = []
  valid_hidden = model.init_hidden(batch_size)

  for text_batch, meta_batch, labels in dataloader(X_valid_text, X_valid_meta, y_valid, batch_size=batch_size, sequenc
    # Skip the last batch of which size is not equal to batch_size
    if text_batch.size(1) != batch_size:
      break

    # Initialize within the loop to use label shape because batch_size did not work
    # valid_hidden = model.init_hidden(labels.shape[0])

    # Creating new variables for the hidden state
    valid_hidden = tuple([each.data for each in valid_hidden])

    # Set Device
    text_batch, meta_batch, labels = text_batch.to(device), meta_batch.to(device), labels.to(device)
    for each in valid_hidden:
        each.to(device)

    # Get output and hidden state from the model
    valid_output, valid_hidden = model(text_batch, meta_batch, valid_hidden)

    # Calculate the loss
    valid_loss = criterion(valid_output.squeeze(), labels)
    valid_losses.append(valid_loss.item())

    # Accuracy
    ps = torch.exp(valid_output)
    top_p, top_class = ps.topk(1, dim=1)
    equals = top_class == labels.view(*top_class.shape)
    accuracy.append(torch.mean(equals.type(torch.FloatTensor)).item())

    predicted_valid.extend(top_class.squeeze().cpu().numpy())
    y_valid_batch.extend(labels.view(*top_class.shape).squeeze().cpu().numpy())
```

```
        model.train()
        acc, f1 = metric(y_valid_batch, predicted_valid)
        predicted_valid_epoch.extend(predicted_valid)
        y_valid_epoch.extend(y_valid_batch)

        print("Epoch: {}/{}...".format(epoch+1, epochs), "Step: {}...".format(steps), "Loss: {:.6f}...".format(loss.item()
    print("{} steps in epoch {}".format(steps, epoch+1))
    class_names = ['Lower', 'Hold', 'Raise']
    y_valid_class = [class_names[int(idx)] for idx in y_valid_batch]
    predicted_valid_class = [class_names[int(idx)] for idx in predicted_valid]
    titles_options = [("Confusion matrix, without normalization", None), ("Confusion matrix, with normalization", 'true'
    for title, normalize in titles_options:
        disp = skplt.metrics.plot_confusion_matrix(y_valid_class, predicted_valid_class, normalize=normalize, title=titl
    acc, f1 = metric(y_valid_class, predicted_valid_class)
    print("\nEpoch: %d, Average Accuracy: %.8f, Average f1: %.8f\n" % (epoch+1, acc, f1))
    plt.show()
    plt.savefig(graph_dir + 'conf_mats_full_training.png')#bbox_inches='tight')
```

D. Glove Word Embedding + LSTM

Use GloVe word embedding instead of Tfidf

```
glove_file = 'glove.6B.300d.txt'
glove_path = glove_dir + glove_file
embedding_dict = {}
with open(glove_path, 'r') as f:
  for line in f:
    values = line.split()
    word = values[0]
    vectors = np.asarray(values[1:], 'float32')
    embedding_dict[word] = vectors
f.close()
pickle.dump(embedding_dict, open(glove_path, 'wb'))



glove_dict = pickle.load(open(glove_path, 'rb'))
print(len(glove_dict))
glove_dict['the']
```

```
-2.6091e-01,  3.2434e-02,  5.6621e-02, -4.3296e-02, -2.1672e-02,
 2.2476e-01, -7.5129e-02, -6.7018e-02, -1.4247e-01,  3.8825e-02,
-1.8951e-01,  2.9977e-01,  3.9305e-01,  1.7887e-01, -1.7343e-01,
-2.1178e-01,  2.3617e-01, -6.3681e-02, -4.2318e-01, -1.1661e-01,
 9.3754e-02,  1.7296e-01, -3.3073e-01,  4.9112e-01, -6.8995e-01,
-9.2462e-02,  2.4742e-01, -1.7991e-01,  9.7908e-02,  8.3118e-02,
 1.5299e-01, -2.7276e-01, -3.8934e-02,  5.4453e-01,  5.3737e-01,
 2.9105e-01, -7.3514e-03,  4.7880e-02, -4.0760e-01, -2.6759e-02,
 1.7919e-01,  1.0977e-02, -1.0963e-01, -2.6395e-01,  7.3990e-02,
 2.6236e-01, -1.5080e-01,  3.4623e-01,  2.5758e-01,  1.1971e-01,
-3.7135e-02, -7.1593e-02,  4.3898e-01, -4.0764e-02,  1.6425e-02,
-4.4640e-01,  1.7197e-01,  4.6246e-02,  5.8639e-02,  4.1499e-02,
 5.3948e-01,  5.2495e-01,  1.1361e-01, -4.8315e-02, -3.6385e-01,
 1.8704e-01,  9.2761e-02, -1.1129e-01, -4.2085e-01,  1.3992e-01,
-3.9338e-01, -6.7945e-02,  1.2188e-01,  1.6707e-01,  7.5169e-02,
-1.5529e-02, -1.9499e-01,  1.9638e-01,  5.3194e-02,  2.5170e-01,
-3.4845e-01, -1.0638e-01, -3.4692e-01, -1.9024e-01, -2.0040e-01,
 1.2154e-01, -2.9208e-01,  2.3353e-02, -1.1618e-01, -3.5768e-01,
 6.2304e-02,  3.5884e-01,  2.9060e-02,  7.3005e-03,  4.9482e-03,
-1.5048e-01, -1.2313e-01,  1.9337e-01,  1.2173e-01,  4.4503e-01,
 2.5147e-01,  1.0781e-01, -1.7716e-01,  3.8691e-02,  8.1530e-02,
 1.4667e-01,  6.3666e-02,  6.1332e-02, -7.5569e-02, -3.7724e-01,
 1.5850e-02, -3.0342e-01,  2.8374e-01, -4.2013e-02, -4.0715e-02,
-1.5269e-01,  7.4980e-02,  1.5577e-01,  1.0433e-01,  3.1393e-01,
 1.9309e-01,  1.9429e-01,  1.5185e-01, -1.0192e-01, -1.8785e-02,
 2.0791e-01,  1.3366e-01,  1.9038e-01, -2.5558e-01,  3.0400e-01,
-1.8960e-02,  2.0147e-01, -4.2110e-01, -7.5156e-03, -2.7977e-01,
-1.9314e-01,  4.6204e-02,  1.9971e-01, -3.0207e-01,  2.5735e-01,
 6.8107e-01, -1.9409e-01,  2.3984e-01,  2.2493e-01,  6.5224e-01,
-1.3561e-01, -1.7383e-01, -4.8209e-02, -1.1860e-01,  2.1588e-03,
-1.9525e-02,  1.1948e-01,  1.9346e-01, -4.0820e-01, -8.2966e-02,
 1.6626e-01, -1.0601e-01,  3.5861e-01,  1.6922e-01,  7.2590e-02,
-2.4803e-01, -1.0024e-01, -5.2491e-01, -1.7745e-01, -3.6647e-01,
 2.6180e-01, -1.2077e-02,  8.3190e-02, -2.1528e-01,  4.1045e-01,
 2.9136e-01,  3.0869e-01,  7.8864e-02,  3.2207e-01, -4.1023e-02,
-1.0970e-01, -9.2041e-02, -1.2339e-01, -1.6416e-01,  3.5382e-01,
-8.2774e-02,  3.3171e-01, -2.4738e-01, -4.8928e-02,  1.5746e-01,
 1.8988e-01, -2.6642e-02,  6.3315e-02, -1.0673e-02,  3.4089e-01,
 1.4106e+00,  1.3417e-01,  2.8191e-01, -2.5940e-01,  5.5267e-02,
-5.2425e-02, -2.5789e-01,  1.9127e-02, -2.2084e-02,  3.2113e-01,
 6.8818e-02,  5.1207e-01,  1.6478e-01, -2.0194e-01,  2.9232e-01,
 9.8575e-02,  1.3145e-02, -1.0652e-01,  1.3510e-01, -4.5332e-02,
 2.0697e-01, -4.8425e-01, -4.4706e-01,  3.3305e-03,  2.9264e-03,
-1.0975e-01, -2.3325e-01,  2.2442e-01, -1.0503e-01,  1.2339e-01,
 1.0978e-01,  4.8994e-02, -2.5157e-01,  4.0319e-01,  3.5318e-01,
```

```
        1.8651e-01, -2.3622e-02, -1.2734e-01,  1.1475e-01,  2.7359e-01,
       -2.1866e-01,  1.5794e-02,  8.1754e-01, -2.3792e-02, -8.5469e-01,
       -1.6203e-01,  1.8076e-01,  2.8014e-02, -1.4340e-01,  1.3139e-03,
       -9.1735e-02, -8.9704e-02,  1.1105e-01, -1.6703e-01,  6.8377e-02,
       -8.7388e-02, -3.9789e-02,  1.4184e-02,  2.1187e-01,  2.8579e-01,
       -2.8797e-01, -5.8996e-02, -3.2436e-02, -4.7009e-03, -1.7052e-01,
       -3.4741e-02, -1.1489e-01,  7.5093e-02,  9.9526e-02,  4.8183e-02,
       -7.3775e-02, -4.1817e-01,  4.1268e-03,  4.4414e-01, -1.6062e-01,
        1.4294e-01, -2.2628e+00, -2.7347e-02,  8.1311e-01,  7.7417e-01,
       -2.5639e-01, -1.1576e-01, -1.1982e-01, -2.1363e-01,  2.8429e-02,
        2.7261e-01,  3.1026e-02,  9.6782e-02,  6.7769e-03,  1.4082e-01,
       -1.3064e-02, -2.9686e-01, -7.9913e-02,  1.9500e-01,  3.1549e-02,
        2.8506e-01, -8.7461e-02,  9.0611e-03, -2.0989e-01,  5.3913e-02],
      dtype=float32)


weight_matrix = np.zeros((len(vocab), 300))
words_found = 0

for i, word in enumerate(vocab):
    try:
        weight_matrix[i] = glove_dict[word]
        words_found += 1
    except KeyError:
        weight_matrix[i] = np.random.normal(scale=0.6, size=(300,))

print('{} words found out of {} words in vocab.'.format(words_found, len(vocab)))
print(weight_matrix.shape)


    20519 words found out of 194294 words in vocab.
    (194294, 300)


type(weight_matrix)


    numpy.ndarray


class GloveTextClassifier(nn.Module):
    def __init__(self, weight_matrix, lstm_size, dense_size, meta_size, output_size, lstm_layers=1, dropout=0.1):
        super().__init__()
        vocab_size, embed_size = weight_matrix.shape
        self.lstm_size = lstm_size
```

```python
        self.output_size = output_size
        self.lstm_layers = lstm_layers
        self.dropout = dropout

        self.embedding = nn.Embedding(vocab_size, embed_size)
        self.embedding.load_state_dict({'weight': torch.tensor(weight_matrix)})
        self.embedding.weight.requires_grad = False
        self.lstm = nn.LSTM(embed_size, lstm_size, lstm_layers, dropout=dropout, batch_first=False)
        self.dropout = nn.Dropout(0.2)
        self.fc1 = nn.Linear(lstm_size, dense_size)
        self.fc2 = nn.Linear(dense_size + meta_size, output_size)
        self.softmax = nn.LogSoftmax(dim=1)

    def init_hidden(self, batch_size):
        weight = next(self.parameters()).data
        hidden = (weight.new(self.lstm_layers, batch_size, self.lstm_size).zero_(),
                  weight.new(self.lstm_layers, batch_size, self.lstm_size).zero_())

        return hidden

    def forward(self, nn_input_text, nn_input_meta, hidden_state):
        batch_size = nn_input_text.size(0)
        nn_input_text = nn_input_text.long()
        embeds = self.embedding(nn_input_text)
        lstm_out, hidden_state = self.lstm(embeds, hidden_state)
        # Stack up LSTM outputs, apply dropout
        lstm_out = lstm_out[-1,:,:]
        lstm_out = self.dropout(lstm_out)
        # Dense layer
        dense_out = self.fc1(lstm_out)
        # Concatinate the dense output and meta inputs
        concat_layer = torch.cat((dense_out, nn_input_meta.float()), 1)
        out = self.fc2(concat_layer)
        logps = self.softmax(out)

        return logps, hidden_state
```

Configure the model and train!

```python
# Set model
device = torch.device('cuda' if torch.cuda.is_available() else 'cpu')
model = GloveTextClassifier(weight_matrix, 128, 8, meta_size, 3, lstm_layers=2, dropout=0.2)
model.to(device)
```

```
GloveTextClassifier(
  (embedding): Embedding(194294, 300)
  (lstm): LSTM(300, 128, num_layers=2, dropout=0.2)
  (dropout): Dropout(p=0.2, inplace=False)
  (fc1): Linear(in_features=128, out_features=8, bias=True)
  (fc2): Linear(in_features=17, out_features=3, bias=True)
  (softmax): LogSoftmax(dim=1)
)
```

```python
train_model(model)
```

```
Starting epoch 1
Starting epoch 2
Starting epoch 3
```

The result does not look good. In fact, only the first hunderds of text can be used. Now, consider to split the text to the length of 200 with overlapping 50 words again.

```python
train_df.columns
```

```
Index(['target', 'prev_decision', 'GDP_diff_prev', 'PMI_value',
       'Employ_diff_prev', 'Rsales_diff_year', 'Unemp_diff_prev',
       'Inertia_diff', 'Hsales_diff_year', 'Balanced_diff', 'statement',
       'minutes', 'presconf_script', 'meeting_script', 'speech', 'testimony',
       'text', 'tone', 'tokenized', 'token_ids', 'tokenized_text',
       'tfidf_Negative', 'tfidf_Positive', 'tfidf_Uncertainty',
       'tfidf_Litigious', 'tfidf_StrongModal', 'tfidf_Constraining',
       'cos_sim_Negative', 'cos_sim_Positive', 'cos_sim_Uncertainty',
       'cos_sim_Litigious', 'cos_sim_StrongModal', 'cos_sim_Constraining'],
      dtype='object')
```

```python
split_train_df = train_df.drop(columns=['statement',
       'minutes', 'speech', 'testimony',
```

```
    'minutes', 'speech', 'testimony',
    'tokenized', 'token_ids', 'tokenized_text', 'tfidf_Negative',
    'tfidf_Positive', 'tfidf_Uncertainty', 'tfidf_Litigious',
    'tfidf_StrongModal', 'tfidf_Constraining', 'cos_sim_Negative',
    'cos_sim_Positive', 'cos_sim_Uncertainty', 'cos_sim_Litigious',
    'cos_sim_StrongModal', 'cos_sim_Constraining'])


split_train_df.shape


    (398, 14)


# Split functions to process long text in machine learning based NLP

def get_split(text, split_len=200, overlap=50):
    l_total = []
    words = re.findall(r'\b([a-zA-Z]+n\'t|[a-zA-Z]+\'s|[a-zA-Z]+)\b', text)
    if len(words) < split_len:
        n = 1
    else:
        n = (len(words) - overlap) // (split_len - overlap) + 1
    for i in range(n):
        l_parcial = words[(split_len - overlap) * i: (split_len - overlap) * i + split_len]
        l_total.append(" ".join(l_parcial))
    return l_total
def get_split_df(df, split_len=200, overlap=50):
    split_data_list = []

    for i, row in tqdm(df.iterrows(), total=df.shape[0]):
        #print("Original Word Count: ", row['word_count'])
        text_list = get_split(row["text"], split_len, overlap)
        for text in text_list:
            row['text'] = text
            #print(len(re.findall(r'\b([a-zA-Z]+n\'t|[a-zA-Z]+\'s|[a-zA-Z]+)\b', text)))
            #row['word_count'] = len(re.findall(r'\b([a-zA-Z]+n\'t|[a-zA-Z]+\'s|[a-zA-Z]+)\b', text))
            split_data_list.append(list(row))
    split_df = pd.DataFrame(split_data_list, columns=df.columns)
    return split_df
```

```
split_train_df = get_split_df(split_train_df)
split_train_df.shape
```

100%   398/398 [01:18<00:00, 5.04it/s]

(81124, 14)

```
tokenized = tokenize_df(split_train_df)
lemma_docs = [" ".join(words) for words in tokenized]
all_words = [word for text in tokenized for word in text]
counts = Counter(all_words)
bow = sorted(counts, key=counts.get, reverse=True)
vocab = {word: ii for ii, word in enumerate(counts, 1)}
id2vocab = {v: k for k, v in vocab.items()}
token_ids = [[vocab[word] for word in text_words] for text_words in tokenized]

# Add to the dataframe
split_train_df['token_ids'] = token_ids
```

100%   81124/81124 [05:15<00:00, 256.94it/s]

```
weight_matrix = np.zeros((len(vocab)+1, 300))
words_found = 0

for i, word in enumerate(vocab):
    try:
        weight_matrix[i] = glove_dict[word]
        words_found += 1
    except KeyError:
        weight_matrix[i] = np.random.normal(scale=0.6, size=(300,))
```

```
split_train_df.head()
```

	target	prev_decision	GDP_diff_prev	PMI_value	Employ_diff_prev	Rsales_diff_year	Unemp_diff_prev	Inertia_diff	Hsales_diff_year	Balan
0	0	1	0.456197	38.8	-169.0	1.807631	-0.166667	-0.018226	-15.485275	
1	0	0	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
2	0	0	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
3	0	0	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	
4	0	0	-0.382295	39.4	-228.0	1.807631	-0.200000	-0.018226	-9.537496	

```
sns.distplot(split_train_df['text'].apply(lambda x: len(x.split())))
```

```python
# X and Y data used
y_data = split_train_df['target']
X_data = split_train_df[nontext_columns + ['tone', 'token_ids']]

# Train test split (Shuffle=False will make the test data for the most recent ones)
X_train, X_valid, y_train, y_valid = \
model_selection.train_test_split(X_data.values, y_data.values, test_size=0.2, shuffle=True)


X_train_meta = get_numeric_data(X_train)
X_train_text = get_text_data(X_train)
X_valid_meta = get_numeric_data(X_valid)
X_valid_text = get_text_data(X_valid)


print('Shape of train meta', len(X_train_meta))
print('Shape of train text', len(X_train_text))
print("Shape of valid meta ", len(X_valid_meta))
print("Shape of valid text ", len(X_valid_text))


meta_size = len(X_train_meta[0])
print("Meta data size: ", meta_size)
```

    Shape of train meta 64899
    Shape of train text 64899
    Shape of valid meta 16225
    Shape of valid text 16225
    Meta data size: 9

```python
len(weight_matrix)
```

    202687

```python
# Set model
device = torch.device('cuda' if torch.cuda.is_available() else 'cpu')
model = GloveTextClassifier(weight_matrix, 128, 8, meta_size, 3, lstm_layers=2, dropout=0.2)
model.to(device)
```

```
GloveTextClassifier(
  (embedding): Embedding(202687, 300)
  (lstm): LSTM(300, 128, num_layers=2, dropout=0.2)
  (dropout): Dropout(p=0.2, inplace=False)
  (fc1): Linear(in_features=128, out_features=8, bias=True)
  (fc2): Linear(in_features=17, out_features=3, bias=True)
  (softmax): LogSoftmax(dim=1)
)
```

```python
# Train the model (TODO long waiting times; gpu mounting issues, assign processes to gpu threads?):
train_model(model, epochs=3, batch_size=16, learning_rate=1e-4, sequence_length=200, clip=5, print_every=950) #TODO: change
```

```
Starting epoch 1
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.673424 Accuracy: 0.437500 F1 Score: 0.202899
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.094907 Accuracy: 0.562500 F1 Score: 0.240000
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114595 Accuracy: 0.583333 F1 Score: 0.425770
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 1.861365 Accuracy: 0.609375 F1 Score: 0.408947
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.015042 Accuracy: 0.575000 F1 Score: 0.359510
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.412026 Accuracy: 0.572917 F1 Score: 0.340035
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.413106 Accuracy: 0.589286 F1 Score: 0.379515
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.568048 Accuracy: 0.578125 F1 Score: 0.358436
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.654230 Accuracy: 0.576389 F1 Score: 0.350134
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.677095 Accuracy: 0.581250 F1 Score: 0.351702
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.664530 Accuracy: 0.585227 F1 Score: 0.345599
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.502001 Accuracy: 0.604167 F1 Score: 0.371139
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.559818 Accuracy: 0.596154 F1 Score: 0.359456
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.453554 Accuracy: 0.602679 F1 Score: 0.368218
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.474417 Accuracy: 0.600000 F1 Score: 0.365939
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.389400 Accuracy: 0.609375 F1 Score: 0.370164
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.348676 Accuracy: 0.613971 F1 Score: 0.385844
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.285906 Accuracy: 0.618056 F1 Score: 0.387267
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.396040 Accuracy: 0.608553 F1 Score: 0.380700
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.412385 Accuracy: 0.612500 F1 Score: 0.377840
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.346032 Accuracy: 0.613095 F1 Score: 0.377476
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.363421 Accuracy: 0.607955 F1 Score: 0.374111
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.293677 Accuracy: 0.614130 F1 Score: 0.373248
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.297990 Accuracy: 0.614583 F1 Score: 0.379917
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.278088 Accuracy: 0.612500 F1 Score: 0.375161
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.236695 Accuracy: 0.617788 F1 Score: 0.377826
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.180097 Accuracy: 0.627315 F1 Score: 0.404803
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.167491 Accuracy: 0.629464 F1 Score: 0.415126
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.230269 Accuracy: 0.627155 F1 Score: 0.409914
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.243494 Accuracy: 0.629167 F1 Score: 0.409882
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.255092 Accuracy: 0.625000 F1 Score: 0.404015
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.246679 Accuracy: 0.623047 F1 Score: 0.401916
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.266591 Accuracy: 0.621212 F1 Score: 0.409718
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.254299 Accuracy: 0.617647 F1 Score: 0.406561
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.300754 Accuracy: 0.612500 F1 Score: 0.400422
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.326507 Accuracy: 0.614583 F1 Score: 0.402909
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.285967 Accuracy: 0.621622 F1 Score: 0.404073
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.244786 Accuracy: 0.628289 F1 Score: 0.405108
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.231568 Accuracy: 0.628205 F1 Score: 0.404428
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.221601 Accuracy: 0.626563 F1 Score: 0.402780
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.182626 Accuracy: 0.632622 F1 Score: 0.405621
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.157476 Accuracy: 0.632440 F1 Score: 0.406746
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.201704 Accuracy: 0.629360 F1 Score: 0.406315
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.178416 Accuracy: 0.633523 F1 Score: 0.406300
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.190865 Accuracy: 0.633333 F1 Score: 0.404008
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.200620 Accuracy: 0.633152 F1 Score: 0.401478
```

```
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.209639 Accuracy: 0.633152 F1 Score: 0.401478
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.205353 Accuracy: 0.631649 F1 Score: 0.398570
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.182238 Accuracy: 0.634115 F1 Score: 0.398013
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.177809 Accuracy: 0.631378 F1 Score: 0.396099
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.190157 Accuracy: 0.630000 F1 Score: 0.397501
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.230482 Accuracy: 0.626225 F1 Score: 0.395075
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.231378 Accuracy: 0.623798 F1 Score: 0.391745
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.209188 Accuracy: 0.623821 F1 Score: 0.389825
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.182780 Accuracy: 0.628472 F1 Score: 0.392302
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.211744 Accuracy: 0.627273 F1 Score: 0.389847
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.196611 Accuracy: 0.630580 F1 Score: 0.390005
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.198694 Accuracy: 0.630482 F1 Score: 0.388296
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.207356 Accuracy: 0.628233 F1 Score: 0.388304
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.212009 Accuracy: 0.623941 F1 Score: 0.384043
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.193629 Accuracy: 0.627083 F1 Score: 0.388592
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.184341 Accuracy: 0.627049 F1 Score: 0.387182
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176357 Accuracy: 0.627016 F1 Score: 0.385560
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.168224 Accuracy: 0.626984 F1 Score: 0.388956
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.190626 Accuracy: 0.624023 F1 Score: 0.387213
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.180319 Accuracy: 0.626923 F1 Score: 0.388503
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.167391 Accuracy: 0.628788 F1 Score: 0.387948
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.187229 Accuracy: 0.626866 F1 Score: 0.385664
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.200941 Accuracy: 0.625000 F1 Score: 0.382995
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.208039 Accuracy: 0.624094 F1 Score: 0.381157
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.206991 Accuracy: 0.625000 F1 Score: 0.382847
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.226543 Accuracy: 0.624120 F1 Score: 0.381178
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.217223 Accuracy: 0.625868 F1 Score: 0.380857
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.224152 Accuracy: 0.623288 F1 Score: 0.378138
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.214981 Accuracy: 0.625000 F1 Score: 0.380281
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.208174 Accuracy: 0.625000 F1 Score: 0.378890
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.224873 Accuracy: 0.623355 F1 Score: 0.377966
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.236346 Accuracy: 0.622565 F1 Score: 0.379707
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.238233 Accuracy: 0.622596 F1 Score: 0.381176
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.219076 Accuracy: 0.624209 F1 Score: 0.383416
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.213809 Accuracy: 0.622656 F1 Score: 0.381296
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.202773 Accuracy: 0.624228 F1 Score: 0.382104
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.193122 Accuracy: 0.625000 F1 Score: 0.381448
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.191559 Accuracy: 0.625000 F1 Score: 0.381361
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.186008 Accuracy: 0.626488 F1 Score: 0.381241
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.174087 Accuracy: 0.627941 F1 Score: 0.380952
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176624 Accuracy: 0.627180 F1 Score: 0.379477
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.174717 Accuracy: 0.627874 F1 Score: 0.379924
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.160109 Accuracy: 0.627841 F1 Score: 0.383093
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147662 Accuracy: 0.629916 F1 Score: 0.384074
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150385 Accuracy: 0.629167 F1 Score: 0.383558
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.154852 Accuracy: 0.628434 F1 Score: 0.382068
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.151406 Accuracy: 0.627717 F1 Score: 0.380610
```

```
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.154721 Accuracy: 0.629032 F1 Score: 0.381314
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143521 Accuracy: 0.629654 F1 Score: 0.381548
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142823 Accuracy: 0.630921 F1 Score: 0.384414
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135236 Accuracy: 0.630859 F1 Score: 0.387497
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149422 Accuracy: 0.629510 F1 Score: 0.389970
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147807 Accuracy: 0.628827 F1 Score: 0.389498
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137056 Accuracy: 0.629419 F1 Score: 0.388787
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145582 Accuracy: 0.628750 F1 Score: 0.387443
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.154022 Accuracy: 0.628094 F1 Score: 0.387096
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.160106 Accuracy: 0.626838 F1 Score: 0.386278
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.162329 Accuracy: 0.628034 F1 Score: 0.386005
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.159450 Accuracy: 0.628606 F1 Score: 0.385430
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.157957 Accuracy: 0.629167 F1 Score: 0.385680
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.159565 Accuracy: 0.627358 F1 Score: 0.383948
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.175740 Accuracy: 0.625584 F1 Score: 0.384822
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.167412 Accuracy: 0.627315 F1 Score: 0.384956
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.172031 Accuracy: 0.626720 F1 Score: 0.384700
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.181676 Accuracy: 0.626136 F1 Score: 0.383384
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.191903 Accuracy: 0.624437 F1 Score: 0.381622
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.184961 Accuracy: 0.624442 F1 Score: 0.380756
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.179113 Accuracy: 0.623894 F1 Score: 0.379585
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.181096 Accuracy: 0.624452 F1 Score: 0.380634
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.168777 Accuracy: 0.626087 F1 Score: 0.382228
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.164857 Accuracy: 0.626078 F1 Score: 0.381386
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.156104 Accuracy: 0.626068 F1 Score: 0.383088
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147008 Accuracy: 0.627119 F1 Score: 0.383730
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146503 Accuracy: 0.625525 F1 Score: 0.382036
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139059 Accuracy: 0.626563 F1 Score: 0.381777
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142668 Accuracy: 0.627066 F1 Score: 0.381265
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135492 Accuracy: 0.628586 F1 Score: 0.382791
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147705 Accuracy: 0.628049 F1 Score: 0.382465
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150237 Accuracy: 0.627520 F1 Score: 0.383629
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148067 Accuracy: 0.626000 F1 Score: 0.382691
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.161166 Accuracy: 0.624504 F1 Score: 0.381797
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150692 Accuracy: 0.625492 F1 Score: 0.382261
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.163988 Accuracy: 0.623535 F1 Score: 0.380430
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.170376 Accuracy: 0.623547 F1 Score: 0.380431
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.177947 Accuracy: 0.621635 F1 Score: 0.379376
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.166173 Accuracy: 0.621660 F1 Score: 0.379961
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.168473 Accuracy: 0.622159 F1 Score: 0.380847
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.156805 Accuracy: 0.624060 F1 Score: 0.383079
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.165797 Accuracy: 0.622201 F1 Score: 0.381532
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.172173 Accuracy: 0.621759 F1 Score: 0.380463
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.167924 Accuracy: 0.621783 F1 Score: 0.382576
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.163414 Accuracy: 0.623175 F1 Score: 0.384594
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.152624 Accuracy: 0.623641 F1 Score: 0.385661
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147943 Accuracy: 0.624550 F1 Score: 0.387578
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150022 Accuracy: 0.625000 F1 Score: 0.387091
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148691 Accuracy: 0.625443 F1 Score: 0.386609
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.162701 Accuracy: 0.624560 F1 Score: 0.386690
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.162466 Accuracy: 0.625000 F1 Score: 0.386342
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.160208 Accuracy: 0.624566 F1 Score: 0.386637
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.151904 Accuracy: 0.625431 F1 Score: 0.386464
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.152471 Accuracy: 0.625856 F1 Score: 0.386627
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148719 Accuracy: 0.626701 F1 Score: 0.387572
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149755 Accuracy: 0.626689 F1 Score: 0.387474
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144875 Accuracy: 0.627097 F1 Score: 0.387624
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138893 Accuracy: 0.627917 F1 Score: 0.387495
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131585 Accuracy: 0.628725 F1 Score: 0.387274
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149190 Accuracy: 0.627056 F1 Score: 0.385606
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.151699 Accuracy: 0.627451 F1 Score: 0.385762
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148867 Accuracy: 0.627841 F1 Score: 0.385342
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149472 Accuracy: 0.628629 F1 Score: 0.386317
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138423 Accuracy: 0.629808 F1 Score: 0.387694
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137933 Accuracy: 0.630573 F1 Score: 0.388097
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133631 Accuracy: 0.630142 F1 Score: 0.387265
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148023 Accuracy: 0.628145 F1 Score: 0.386064
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144539 Accuracy: 0.628516 F1 Score: 0.386127
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135756 Accuracy: 0.629658 F1 Score: 0.386727
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134117 Accuracy: 0.630015 F1 Score: 0.386293
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145174 Accuracy: 0.629218 F1 Score: 0.385231
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147507 Accuracy: 0.628811 F1 Score: 0.384528
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144212 Accuracy: 0.628788 F1 Score: 0.385024
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138793 Accuracy: 0.628765 F1 Score: 0.384386
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143092 Accuracy: 0.628743 F1 Score: 0.384400
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146486 Accuracy: 0.628720 F1 Score: 0.384416
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150109 Accuracy: 0.627589 F1 Score: 0.384479
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145257 Accuracy: 0.627941 F1 Score: 0.385094
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146163 Accuracy: 0.627924 F1 Score: 0.384477
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147178 Accuracy: 0.627544 F1 Score: 0.383814
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.156926 Accuracy: 0.626445 F1 Score: 0.383538
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.152957 Accuracy: 0.626437 F1 Score: 0.383435
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.155825 Accuracy: 0.625714 F1 Score: 0.383512
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.155102 Accuracy: 0.625355 F1 Score: 0.383281
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.152198 Accuracy: 0.625706 F1 Score: 0.382943
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147228 Accuracy: 0.625702 F1 Score: 0.382843
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150585 Accuracy: 0.625349 F1 Score: 0.382699
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.155024 Accuracy: 0.624306 F1 Score: 0.381682
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147580 Accuracy: 0.625345 F1 Score: 0.381760
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.151825 Accuracy: 0.625687 F1 Score: 0.381866
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149787 Accuracy: 0.625342 F1 Score: 0.381186
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.153330 Accuracy: 0.625000 F1 Score: 0.382137
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.162555 Accuracy: 0.624324 F1 Score: 0.381692
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.162012 Accuracy: 0.624664 F1 Score: 0.383051
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.174739 Accuracy: 0.625334 F1 Score: 0.383348
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.171240 Accuracy: 0.625997 F1 Score: 0.384172
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.172154 Accuracy: 0.625661 F1 Score: 0.383493
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.169603 Accuracy: 0.626316 F1 Score: 0.383369
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.174607 Accuracy: 0.626636 F1 Score: 0.383014
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.174474 Accuracy: 0.626628 F1 Score: 0.384026
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.178395 Accuracy: 0.626619 F1 Score: 0.383968
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176200 Accuracy: 0.627255 F1 Score: 0.384250
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176561 Accuracy: 0.627885 F1 Score: 0.384600
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176995 Accuracy: 0.627870 F1 Score: 0.386023
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176284 Accuracy: 0.627538 F1 Score: 0.386342
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.179411 Accuracy: 0.627210 F1 Score: 0.386718
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.172244 Accuracy: 0.627827 F1 Score: 0.387445
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.179507 Accuracy: 0.627188 F1 Score: 0.388116
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.177703 Accuracy: 0.627177 F1 Score: 0.388495
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176120 Accuracy: 0.627166 F1 Score: 0.387999
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.175318 Accuracy: 0.627771 F1 Score: 0.388255
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176368 Accuracy: 0.628064 F1 Score: 0.390752
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.171653 Accuracy: 0.628963 F1 Score: 0.391207
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.172166 Accuracy: 0.628641 F1 Score: 0.391001
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.167921 Accuracy: 0.629227 F1 Score: 0.390805
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.164741 Accuracy: 0.628906 F1 Score: 0.390542
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.162457 Accuracy: 0.629486 F1 Score: 0.391214
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.167938 Accuracy: 0.628571 F1 Score: 0.390320
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.170768 Accuracy: 0.628851 F1 Score: 0.391176
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.175650 Accuracy: 0.627948 F1 Score: 0.390296
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176091 Accuracy: 0.627641 F1 Score: 0.389678
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.179568 Accuracy: 0.627629 F1 Score: 0.389227
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.175969 Accuracy: 0.627907 F1 Score: 0.389926
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.169742 Accuracy: 0.628183 F1 Score: 0.389567
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.172840 Accuracy: 0.628168 F1 Score: 0.389162
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.182753 Accuracy: 0.627867 F1 Score: 0.388889
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.184325 Accuracy: 0.627283 F1 Score: 0.388510
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.183442 Accuracy: 0.627557 F1 Score: 0.388150
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.186974 Accuracy: 0.626980 F1 Score: 0.388192
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.191096 Accuracy: 0.626408 F1 Score: 0.387430
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.191445 Accuracy: 0.625561 F1 Score: 0.387219
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.189088 Accuracy: 0.625558 F1 Score: 0.388112
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.187321 Accuracy: 0.625556 F1 Score: 0.387672
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.184795 Accuracy: 0.625830 F1 Score: 0.387770
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.179415 Accuracy: 0.626652 F1 Score: 0.387847
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.173976 Accuracy: 0.627467 F1 Score: 0.388267
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.176616 Accuracy: 0.626910 F1 Score: 0.387878
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.175536 Accuracy: 0.627446 F1 Score: 0.387736
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.168887 Accuracy: 0.627976 F1 Score: 0.388692
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.169747 Accuracy: 0.628233 F1 Score: 0.388771
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.173517 Accuracy: 0.628219 F1 Score: 0.389090
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.169083 Accuracy: 0.628739 F1 Score: 0.389305
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.174317 Accuracy: 0.627394 F1 Score: 0.388505
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.166336 Accuracy: 0.628178 F1 Score: 0.388847
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.172931 Accuracy: 0.628165 F1 Score: 0.388747
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.169485 Accuracy: 0.628151 F1 Score: 0.388298
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.164612 Accuracy: 0.628400 F1 Score: 0.388733
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.157763 Accuracy: 0.629167 F1 Score: 0.388748
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.157229 Accuracy: 0.628890 F1 Score: 0.388957
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149100 Accuracy: 0.629907 F1 Score: 0.390319
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149243 Accuracy: 0.630144 F1 Score: 0.390396
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146636 Accuracy: 0.630379 F1 Score: 0.390131
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141597 Accuracy: 0.630612 F1 Score: 0.390207
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137046 Accuracy: 0.631352 F1 Score: 0.390866
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136125 Accuracy: 0.632085 F1 Score: 0.392414
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136851 Accuracy: 0.631804 F1 Score: 0.391901
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134175 Accuracy: 0.632028 F1 Score: 0.391942
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130211 Accuracy: 0.632000 F1 Score: 0.391889
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129584 Accuracy: 0.632221 F1 Score: 0.391984
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136198 Accuracy: 0.631200 F1 Score: 0.391912
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139434 Accuracy: 0.630929 F1 Score: 0.391986
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136190 Accuracy: 0.631398 F1 Score: 0.393010
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135764 Accuracy: 0.631618 F1 Score: 0.392724
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133146 Accuracy: 0.631836 F1 Score: 0.393111
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138074 Accuracy: 0.631323 F1 Score: 0.392469
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134260 Accuracy: 0.631298 F1 Score: 0.392094
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129196 Accuracy: 0.631757 F1 Score: 0.392303
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126478 Accuracy: 0.631971 F1 Score: 0.392420
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128650 Accuracy: 0.631705 F1 Score: 0.392542
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129826 Accuracy: 0.631918 F1 Score: 0.392226
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130310 Accuracy: 0.631654 F1 Score: 0.392006
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134488 Accuracy: 0.631155 F1 Score: 0.391622
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134667 Accuracy: 0.630896 F1 Score: 0.391926
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135922 Accuracy: 0.630874 F1 Score: 0.391851
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142122 Accuracy: 0.630384 F1 Score: 0.391474
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137921 Accuracy: 0.630830 F1 Score: 0.391393
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138902 Accuracy: 0.630576 F1 Score: 0.390899
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136683 Accuracy: 0.630787 F1 Score: 0.392416
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139263 Accuracy: 0.630535 F1 Score: 0.392834
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137734 Accuracy: 0.630515 F1 Score: 0.392732
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134417 Accuracy: 0.630952 F1 Score: 0.393706
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133098 Accuracy: 0.630931 F1 Score: 0.394245
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131310 Accuracy: 0.631136 F1 Score: 0.394299
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129798 Accuracy: 0.631567 F1 Score: 0.394439
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129103 Accuracy: 0.631769 F1 Score: 0.394505
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131537 Accuracy: 0.631745 F1 Score: 0.394398
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133999 Accuracy: 0.631720 F1 Score: 0.394619
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130335 Accuracy: 0.631920 F1 Score: 0.394381
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130333 Accuracy: 0.631920 F1 Score: 0.394381
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134211 Accuracy: 0.631673 F1 Score: 0.394156
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131780 Accuracy: 0.632314 F1 Score: 0.395205
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127791 Accuracy: 0.632730 F1 Score: 0.395100
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129420 Accuracy: 0.632923 F1 Score: 0.394862
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123365 Accuracy: 0.633991 F1 Score: 0.395389
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120691 Accuracy: 0.634178 F1 Score: 0.396707
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119741 Accuracy: 0.633929 F1 Score: 0.396534
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120163 Accuracy: 0.633681 F1 Score: 0.396386
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119903 Accuracy: 0.633651 F1 Score: 0.396043
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126092 Accuracy: 0.633190 F1 Score: 0.395722
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124982 Accuracy: 0.633162 F1 Score: 0.395408
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126209 Accuracy: 0.632920 F1 Score: 0.395221
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130986 Accuracy: 0.632679 F1 Score: 0.394758
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133000 Accuracy: 0.632440 F1 Score: 0.395528
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141287 Accuracy: 0.631992 F1 Score: 0.395238
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141568 Accuracy: 0.631757 F1 Score: 0.395078
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142273 Accuracy: 0.631524 F1 Score: 0.395121
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143102 Accuracy: 0.631502 F1 Score: 0.395288
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140286 Accuracy: 0.631898 F1 Score: 0.395459
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139900 Accuracy: 0.631667 F1 Score: 0.395253
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141723 Accuracy: 0.631437 F1 Score: 0.395626
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138022 Accuracy: 0.632243 F1 Score: 0.395755
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140027 Accuracy: 0.631807 F1 Score: 0.395449
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140422 Accuracy: 0.631990 F1 Score: 0.395516
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139609 Accuracy: 0.632172 F1 Score: 0.395583
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140921 Accuracy: 0.631536 F1 Score: 0.395369
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140164 Accuracy: 0.631515 F1 Score: 0.395548
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137933 Accuracy: 0.631696 F1 Score: 0.396027
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132901 Accuracy: 0.631675 F1 Score: 0.395735
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130277 Accuracy: 0.631653 F1 Score: 0.395655
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128499 Accuracy: 0.632034 F1 Score: 0.396706
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125317 Accuracy: 0.632212 F1 Score: 0.396489
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127467 Accuracy: 0.632188 F1 Score: 0.396662
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128508 Accuracy: 0.632166 F1 Score: 0.396580
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140759 Accuracy: 0.631349 F1 Score: 0.395814
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141600 Accuracy: 0.630934 F1 Score: 0.395358
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143850 Accuracy: 0.630718 F1 Score: 0.395855
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139937 Accuracy: 0.631289 F1 Score: 0.396361
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141374 Accuracy: 0.631074 F1 Score: 0.395951
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138370 Accuracy: 0.631250 F1 Score: 0.395765
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139633 Accuracy: 0.631231 F1 Score: 0.395960
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141645 Accuracy: 0.630629 F1 Score: 0.395509
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147227 Accuracy: 0.629837 F1 Score: 0.394811
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146215 Accuracy: 0.629437 F1 Score: 0.394261
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146665 Accuracy: 0.629423 F1 Score: 0.394480
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144133 Accuracy: 0.629793 F1 Score: 0.394685
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144818 Accuracy: 0.629396 F1 Score: 0.394406
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143434 Accuracy: 0.629764 F1 Score: 0.394588
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139762 Accuracy: 0.630319 F1 Score: 0.395079
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133810 Accuracy: 0.631061 F1 Score: 0.395417
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136172 Accuracy: 0.630853 F1 Score: 0.394942
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132844 Accuracy: 0.631212 F1 Score: 0.395120
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130277 Accuracy: 0.631757 F1 Score: 0.396266
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126128 Accuracy: 0.632298 F1 Score: 0.396721
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125370 Accuracy: 0.632276 F1 Score: 0.396856
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127449 Accuracy: 0.631882 F1 Score: 0.396386
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131964 Accuracy: 0.631677 F1 Score: 0.395963
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135192 Accuracy: 0.631472 F1 Score: 0.395611
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137682 Accuracy: 0.631268 F1 Score: 0.395887
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138709 Accuracy: 0.631250 F1 Score: 0.395837
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135985 Accuracy: 0.631415 F1 Score: 0.395596
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133252 Accuracy: 0.631579 F1 Score: 0.395822
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131192 Accuracy: 0.631924 F1 Score: 0.396201
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131361 Accuracy: 0.631722 F1 Score: 0.395832
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130336 Accuracy: 0.631703 F1 Score: 0.395574
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130425 Accuracy: 0.631864 F1 Score: 0.395589
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130530 Accuracy: 0.631664 F1 Score: 0.396045
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129702 Accuracy: 0.631645 F1 Score: 0.396375
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126077 Accuracy: 0.631984 F1 Score: 0.396498
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123448 Accuracy: 0.631964 F1 Score: 0.397094
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124761 Accuracy: 0.631766 F1 Score: 0.397160
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126755 Accuracy: 0.631570 F1 Score: 0.397000
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128416 Accuracy: 0.631197 F1 Score: 0.396530
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131930 Accuracy: 0.631003 F1 Score: 0.396351
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131308 Accuracy: 0.630986 F1 Score: 0.396525
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128935 Accuracy: 0.631145 F1 Score: 0.396539
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128918 Accuracy: 0.631303 F1 Score: 0.396964
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129867 Accuracy: 0.631285 F1 Score: 0.396913
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128336 Accuracy: 0.630919 F1 Score: 0.396651
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129752 Accuracy: 0.631424 F1 Score: 0.396648
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133769 Accuracy: 0.631752 F1 Score: 0.396546
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131181 Accuracy: 0.631906 F1 Score: 0.396318
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132355 Accuracy: 0.631715 F1 Score: 0.396788
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133879 Accuracy: 0.631868 F1 Score: 0.397412
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133825 Accuracy: 0.631849 F1 Score: 0.397402
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129856 Accuracy: 0.632514 F1 Score: 0.397945
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128390 Accuracy: 0.632663 F1 Score: 0.397998
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124660 Accuracy: 0.633322 F1 Score: 0.398319
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120385 Accuracy: 0.634146 F1 Score: 0.399094
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120713 Accuracy: 0.634459 F1 Score: 0.399679
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122168 Accuracy: 0.634265 F1 Score: 0.400084
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121556 Accuracy: 0.634409 F1 Score: 0.400110
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130331 Accuracy: 0.633881 F1 Score: 0.399524
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133833 Accuracy: 0.633523 F1 Score: 0.399051
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136543 Accuracy: 0.633000 F1 Score: 0.398967
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135023 Accuracy: 0.632979 F1 Score: 0.399127
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131479 Accuracy: 0.633455 F1 Score: 0.399548
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134260 Accuracy: 0.632771 F1 Score: 0.398900
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132830 Accuracy: 0.632421 F1 Score: 0.398436
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132266 Accuracy: 0.632401 F1 Score: 0.398825
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132133 Accuracy: 0.632218 F1 Score: 0.398652
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132521 Accuracy: 0.632035 F1 Score: 0.398501
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133573 Accuracy: 0.632017 F1 Score: 0.398636
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130895 Accuracy: 0.632161 F1 Score: 0.398643
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128454 Accuracy: 0.632305 F1 Score: 0.398466
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123714 Accuracy: 0.632934 F1 Score: 0.398792
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125496 Accuracy: 0.632752 F1 Score: 0.399204
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122645 Accuracy: 0.632571 F1 Score: 0.399053
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124274 Accuracy: 0.632551 F1 Score: 0.398799
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123095 Accuracy: 0.632532 F1 Score: 0.399039
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128326 Accuracy: 0.632193 F1 Score: 0.398807
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128346 Accuracy: 0.632175 F1 Score: 0.398617
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131762 Accuracy: 0.631997 F1 Score: 0.398492
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131478 Accuracy: 0.631662 F1 Score: 0.397985
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130092 Accuracy: 0.631962 F1 Score: 0.398713
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130349 Accuracy: 0.631944 F1 Score: 0.398686
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128846 Accuracy: 0.631927 F1 Score: 0.399035
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126251 Accuracy: 0.632224 F1 Score: 0.399158
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122864 Accuracy: 0.632675 F1 Score: 0.399553
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119996 Accuracy: 0.632812 F1 Score: 0.400077
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130102 Accuracy: 0.632014 F1 Score: 0.399364
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135388 Accuracy: 0.631841 F1 Score: 0.399240
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134554 Accuracy: 0.631514 F1 Score: 0.398764
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135946 Accuracy: 0.631033 F1 Score: 0.398277
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133073 Accuracy: 0.631481 F1 Score: 0.398495
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134475 Accuracy: 0.631466 F1 Score: 0.398402
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135793 Accuracy: 0.631296 F1 Score: 0.398047
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135966 Accuracy: 0.631281 F1 Score: 0.397981
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136134 Accuracy: 0.631112 F1 Score: 0.398350
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136771 Accuracy: 0.631098 F1 Score: 0.398344
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136062 Accuracy: 0.631083 F1 Score: 0.398067
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134758 Accuracy: 0.631220 F1 Score: 0.398306
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130021 Accuracy: 0.631961 F1 Score: 0.398855
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128106 Accuracy: 0.631944 F1 Score: 0.398809
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129199 Accuracy: 0.631777 F1 Score: 0.398500
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131053 Accuracy: 0.631761 F1 Score: 0.398434
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131967 Accuracy: 0.631745 F1 Score: 0.398343
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130880 Accuracy: 0.631728 F1 Score: 0.398795
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129761 Accuracy: 0.631414 F1 Score: 0.398378
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129690 Accuracy: 0.631399 F1 Score: 0.398728
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129556 Accuracy: 0.631681 F1 Score: 0.398845
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136833 Accuracy: 0.631220 F1 Score: 0.398485
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137886 Accuracy: 0.631206 F1 Score: 0.398250
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138370 Accuracy: 0.631191 F1 Score: 0.398021
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142136 Accuracy: 0.630735 F1 Score: 0.397726
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142723 Accuracy: 0.630869 F1 Score: 0.397754
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140857 Accuracy: 0.631001 F1 Score: 0.397801
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139113 Accuracy: 0.630987 F1 Score: 0.398224
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137403 Accuracy: 0.631119 F1 Score: 0.398270
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137651 Accuracy: 0.630814 F1 Score: 0.397826
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137073 Accuracy: 0.630945 F1 Score: 0.398171
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135053 Accuracy: 0.630787 F1 Score: 0.398384
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133715 Accuracy: 0.631062 F1 Score: 0.398298
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137432 Accuracy: 0.630760 F1 Score: 0.398258
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137321 Accuracy: 0.630891 F1 Score: 0.398303
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137380 Accuracy: 0.630877 F1 Score: 0.398081
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136144 Accuracy: 0.631007 F1 Score: 0.398087
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137470 Accuracy: 0.630993 F1 Score: 0.398378
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134382 Accuracy: 0.631407 F1 Score: 0.398380
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132242 Accuracy: 0.631676 F1 Score: 0.398474
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137294 Accuracy: 0.631378 F1 Score: 0.398117
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138965 Accuracy: 0.631222 F1 Score: 0.397848
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137376 Accuracy: 0.631490 F1 Score: 0.397918
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138092 Accuracy: 0.631475 F1 Score: 0.397857
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137677 Accuracy: 0.631461 F1 Score: 0.397658
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134530 Accuracy: 0.632007 F1 Score: 0.397905
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133234 Accuracy: 0.632131 F1 Score: 0.397970
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130858 Accuracy: 0.632254 F1 Score: 0.398329
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129260 Accuracy: 0.632656 F1 Score: 0.398681
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129113 Accuracy: 0.632778 F1 Score: 0.398549
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128989 Accuracy: 0.632899 F1 Score: 0.399404
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130585 Accuracy: 0.632605 F1 Score: 0.399625
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128885 Accuracy: 0.632864 F1 Score: 0.399559
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129629 Accuracy: 0.632985 F1 Score: 0.399581
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129931 Accuracy: 0.633104 F1 Score: 0.399599
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127951 Accuracy: 0.633224 F1 Score: 0.399601
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127343 Accuracy: 0.633206 F1 Score: 0.400184
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125936 Accuracy: 0.633188 F1 Score: 0.400292
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125402 Accuracy: 0.633170 F1 Score: 0.400209
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125618 Accuracy: 0.632745 F1 Score: 0.399912
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127395 Accuracy: 0.632728 F1 Score: 0.399698
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130983 Accuracy: 0.632035 F1 Score: 0.399237
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130797 Accuracy: 0.631884 F1 Score: 0.399280
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129182 Accuracy: 0.632004 F1 Score: 0.399302
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127307 Accuracy: 0.632258 F1 Score: 0.399388
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125729 Accuracy: 0.632377 F1 Score: 0.399429
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126914 Accuracy: 0.632093 F1 Score: 0.399072
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126238 Accuracy: 0.632212 F1 Score: 0.398946
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124502 Accuracy: 0.632596 F1 Score: 0.398946
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124228 Accuracy: 0.632314 F1 Score: 0.398760
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121234 Accuracy: 0.632564 F1 Score: 0.398883
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119947 Accuracy: 0.632680 F1 Score: 0.399072
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121866 Accuracy: 0.632532 F1 Score: 0.398926
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122608 Accuracy: 0.632252 F1 Score: 0.398591
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121730 Accuracy: 0.632105 F1 Score: 0.398742
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124781 Accuracy: 0.631959 F1 Score: 0.398603
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122578 Accuracy: 0.632206 F1 Score: 0.398688
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122326 Accuracy: 0.632322 F1 Score: 0.398583
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121718 Accuracy: 0.632698 F1 Score: 0.399201
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122347 Accuracy: 0.632943 F1 Score: 0.399285
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122452 Accuracy: 0.632796 F1 Score: 0.399018
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121985 Accuracy: 0.632391 F1 Score: 0.398720
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120329 Accuracy: 0.632764 F1 Score: 0.398920
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119642 Accuracy: 0.632748 F1 Score: 0.398681
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120747 Accuracy: 0.632603 F1 Score: 0.398558
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120566 Accuracy: 0.632459 F1 Score: 0.398602
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.118499 Accuracy: 0.632572 F1 Score: 0.398463
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116082 Accuracy: 0.632812 F1 Score: 0.399152
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.112094 Accuracy: 0.633308 F1 Score: 0.399213
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114027 Accuracy: 0.633036 F1 Score: 0.398851
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.117982 Accuracy: 0.632892 F1 Score: 0.398697
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114942 Accuracy: 0.633257 F1 Score: 0.398858
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.115998 Accuracy: 0.633114 F1 Score: 0.398740
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114066 Accuracy: 0.633097 F1 Score: 0.398702
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.113950 Accuracy: 0.632955 F1 Score: 0.398481
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.117410 Accuracy: 0.632434 F1 Score: 0.397972
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.115605 Accuracy: 0.632420 F1 Score: 0.397740
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114482 Accuracy: 0.632530 F1 Score: 0.397605
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116146 Accuracy: 0.632390 F1 Score: 0.397470
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.113592 Accuracy: 0.632500 F1 Score: 0.397353
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114015 Accuracy: 0.632485 F1 Score: 0.397160
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.112848 Accuracy: 0.632595 F1 Score: 0.397342
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116084 Accuracy: 0.632455 F1 Score: 0.397681
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116844 Accuracy: 0.632688 F1 Score: 0.397920
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120786 Accuracy: 0.632178 F1 Score: 0.397561
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121188 Accuracy: 0.632164 F1 Score: 0.397976
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120102 Accuracy: 0.632027 F1 Score: 0.397691
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123387 Accuracy: 0.631644 F1 Score: 0.397838
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121636 Accuracy: 0.631876 F1 Score: 0.397799
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119803 Accuracy: 0.632108 F1 Score: 0.398070
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121208 Accuracy: 0.631605 F1 Score: 0.397767
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123367 Accuracy: 0.631226 F1 Score: 0.397314
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125209 Accuracy: 0.630970 F1 Score: 0.397382
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124988 Accuracy: 0.630837 F1 Score: 0.397119
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124988 Accuracy: 0.630837 F1 Score: 0.397119
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125014 Accuracy: 0.631068 F1 Score: 0.397044
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125278 Accuracy: 0.631056 F1 Score: 0.397010
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124637 Accuracy: 0.630924 F1 Score: 0.396886
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123445 Accuracy: 0.630912 F1 Score: 0.396801
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123904 Accuracy: 0.630780 F1 Score: 0.396542
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124979 Accuracy: 0.630649 F1 Score: 0.396284
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122350 Accuracy: 0.630998 F1 Score: 0.396456
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123521 Accuracy: 0.630867 F1 Score: 0.396502
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124270 Accuracy: 0.630856 F1 Score: 0.396487
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121019 Accuracy: 0.631322 F1 Score: 0.396865
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122722 Accuracy: 0.631071 F1 Score: 0.396535
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123175 Accuracy: 0.630941 F1 Score: 0.396297
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124864 Accuracy: 0.630930 F1 Score: 0.396150
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121471 Accuracy: 0.631510 F1 Score: 0.396449
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122095 Accuracy: 0.631262 F1 Score: 0.396666
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121345 Accuracy: 0.631250 F1 Score: 0.396451
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.118878 Accuracy: 0.631591 F1 Score: 0.396752
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.117611 Accuracy: 0.631579 F1 Score: 0.396930
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116658 Accuracy: 0.631801 F1 Score: 0.397008
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114787 Accuracy: 0.631905 F1 Score: 0.397180
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116518 Accuracy: 0.631542 F1 Score: 0.396767
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116145 Accuracy: 0.631413 F1 Score: 0.396516
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.117438 Accuracy: 0.631518 F1 Score: 0.396683
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.115464 Accuracy: 0.631854 F1 Score: 0.396980
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114488 Accuracy: 0.631725 F1 Score: 0.397023
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.114551 Accuracy: 0.631713 F1 Score: 0.397007
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.115925 Accuracy: 0.631816 F1 Score: 0.397545
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.118414 Accuracy: 0.631804 F1 Score: 0.397479
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.116835 Accuracy: 0.631906 F1 Score: 0.397372
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.117302 Accuracy: 0.631549 F1 Score: 0.396966
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.117755 Accuracy: 0.631537 F1 Score: 0.397079
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.117482 Accuracy: 0.631639 F1 Score: 0.397533
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119198 Accuracy: 0.631627 F1 Score: 0.397356
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121379 Accuracy: 0.631501 F1 Score: 0.397061
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121841 Accuracy: 0.631375 F1 Score: 0.396911
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124316 Accuracy: 0.631136 F1 Score: 0.396850
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122932 Accuracy: 0.631239 F1 Score: 0.396713
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124582 Accuracy: 0.631114 F1 Score: 0.396738
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124111 Accuracy: 0.631329 F1 Score: 0.397096
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125471 Accuracy: 0.631092 F1 Score: 0.396816
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125458 Accuracy: 0.631194 F1 Score: 0.396697
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127575 Accuracy: 0.630845 F1 Score: 0.396458
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125452 Accuracy: 0.631059 F1 Score: 0.396657
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124932 Accuracy: 0.631048 F1 Score: 0.396642
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124041 Accuracy: 0.631261 F1 Score: 0.396716
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123217 Accuracy: 0.631585 F1 Score: 0.396858
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124344 Accuracy: 0.631573 F1 Score: 0.396931
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124344 Accuracy: 0.631573 F1 Score: 0.396951
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123973 Accuracy: 0.631673 F1 Score: 0.396967
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123772 Accuracy: 0.631883 F1 Score: 0.397162
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123903 Accuracy: 0.631981 F1 Score: 0.397182
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121407 Accuracy: 0.632190 F1 Score: 0.397270
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121979 Accuracy: 0.632178 F1 Score: 0.397085
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122062 Accuracy: 0.632165 F1 Score: 0.396884
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121100 Accuracy: 0.632152 F1 Score: 0.397059
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121867 Accuracy: 0.632140 F1 Score: 0.397042
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123518 Accuracy: 0.632018 F1 Score: 0.396806
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123646 Accuracy: 0.631677 F1 Score: 0.396422
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125773 Accuracy: 0.631556 F1 Score: 0.396169
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125743 Accuracy: 0.631435 F1 Score: 0.396026
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124133 Accuracy: 0.631642 F1 Score: 0.396145
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124080 Accuracy: 0.631739 F1 Score: 0.396030
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123457 Accuracy: 0.631836 F1 Score: 0.396301
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122475 Accuracy: 0.631932 F1 Score: 0.396458
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122933 Accuracy: 0.631812 F1 Score: 0.396241
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124426 Accuracy: 0.631477 F1 Score: 0.396059
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125960 Accuracy: 0.631250 F1 Score: 0.396002
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128600 Accuracy: 0.631132 F1 Score: 0.395803
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129146 Accuracy: 0.631121 F1 Score: 0.395609
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128570 Accuracy: 0.631111 F1 Score: 0.395795
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129772 Accuracy: 0.631100 F1 Score: 0.396115
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131727 Accuracy: 0.630876 F1 Score: 0.395803
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131181 Accuracy: 0.630759 F1 Score: 0.395922
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129829 Accuracy: 0.631069 F1 Score: 0.395940
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131571 Accuracy: 0.630952 F1 Score: 0.395948
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130142 Accuracy: 0.631261 F1 Score: 0.395951
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130498 Accuracy: 0.630932 F1 Score: 0.395861
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131261 Accuracy: 0.630922 F1 Score: 0.395700
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137140 Accuracy: 0.630595 F1 Score: 0.395983
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136883 Accuracy: 0.630586 F1 Score: 0.396150
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137391 Accuracy: 0.630577 F1 Score: 0.396107
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137171 Accuracy: 0.630462 F1 Score: 0.396118
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138038 Accuracy: 0.630348 F1 Score: 0.395863
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138194 Accuracy: 0.630339 F1 Score: 0.395689
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135945 Accuracy: 0.630644 F1 Score: 0.396217
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135248 Accuracy: 0.630739 F1 Score: 0.396107
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135850 Accuracy: 0.630625 F1 Score: 0.395884
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134242 Accuracy: 0.630824 F1 Score: 0.396452
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133178 Accuracy: 0.631022 F1 Score: 0.396392
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133762 Accuracy: 0.631115 F1 Score: 0.396426
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132702 Accuracy: 0.631312 F1 Score: 0.396393
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131032 Accuracy: 0.631405 F1 Score: 0.396269
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131739 Accuracy: 0.631394 F1 Score: 0.396083
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129941 Accuracy: 0.631590 F1 Score: 0.396775
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127157 Accuracy: 0.631990 F1 Score: 0.396827
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126729 Accuracy: 0.631979 F1 Score: 0.396811
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127012 Accuracy: 0.631762 F1 Score: 0.396629
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126547 Accuracy: 0.631854 F1 Score: 0.396649
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125208 Accuracy: 0.632047 F1 Score: 0.396859
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123954 Accuracy: 0.632137 F1 Score: 0.397097
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121883 Accuracy: 0.632431 F1 Score: 0.397085
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119371 Accuracy: 0.632724 F1 Score: 0.397241
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120686 Accuracy: 0.632711 F1 Score: 0.397339
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120772 Accuracy: 0.632699 F1 Score: 0.397546
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121366 Accuracy: 0.632484 F1 Score: 0.397279
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119697 Accuracy: 0.632573 F1 Score: 0.397324
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119085 Accuracy: 0.632661 F1 Score: 0.397243
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119706 Accuracy: 0.632750 F1 Score: 0.397261
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.120355 Accuracy: 0.632637 F1 Score: 0.397170
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122264 Accuracy: 0.632524 F1 Score: 0.396953
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122450 Accuracy: 0.632412 F1 Score: 0.397142
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.119778 Accuracy: 0.632800 F1 Score: 0.397331
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123923 Accuracy: 0.632288 F1 Score: 0.397183
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126274 Accuracy: 0.632376 F1 Score: 0.397299
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129010 Accuracy: 0.632166 F1 Score: 0.397023
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126571 Accuracy: 0.632353 F1 Score: 0.397777
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125782 Accuracy: 0.632540 F1 Score: 0.397855
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125872 Accuracy: 0.632627 F1 Score: 0.398084
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125339 Accuracy: 0.632615 F1 Score: 0.398191
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125126 Accuracy: 0.632603 F1 Score: 0.398147
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123211 Accuracy: 0.632788 F1 Score: 0.398237
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122645 Accuracy: 0.632874 F1 Score: 0.398280
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122747 Accuracy: 0.632960 F1 Score: 0.398187
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124148 Accuracy: 0.632849 F1 Score: 0.398110
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126560 Accuracy: 0.632347 F1 Score: 0.397670
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130276 Accuracy: 0.632042 F1 Score: 0.397377
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132521 Accuracy: 0.631934 F1 Score: 0.397276
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131471 Accuracy: 0.631923 F1 Score: 0.397357
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129782 Accuracy: 0.632204 F1 Score: 0.397738
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129245 Accuracy: 0.632193 F1 Score: 0.397709
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128374 Accuracy: 0.632182 F1 Score: 0.397896
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128724 Accuracy: 0.632267 F1 Score: 0.397792
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128733 Accuracy: 0.632256 F1 Score: 0.397628
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126828 Accuracy: 0.632535 F1 Score: 0.397872
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128737 Accuracy: 0.632330 F1 Score: 0.397601
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128882 Accuracy: 0.632030 F1 Score: 0.397408
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128471 Accuracy: 0.632019 F1 Score: 0.397246
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128192 Accuracy: 0.632008 F1 Score: 0.397111
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127420 Accuracy: 0.632094 F1 Score: 0.397009
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127621 Accuracy: 0.631891 F1 Score: 0.396970
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125759 Accuracy: 0.632072 F1 Score: 0.397597
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126381 Accuracy: 0.632252 F1 Score: 0.397656
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125669 Accuracy: 0.632241 F1 Score: 0.397496
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122714 Accuracy: 0.632705 F1 Score: 0.397720
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123584 Accuracy: 0.632409 F1 Score: 0.397398
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123486 Accuracy: 0.632587 F1 Score: 0.397460
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124032 Accuracy: 0.632481 F1 Score: 0.397242
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.123646 Accuracy: 0.632753 F1 Score: 0.397243
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124395 Accuracy: 0.632742 F1 Score: 0.397097
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122910 Accuracy: 0.632919 F1 Score: 0.397172
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122447 Accuracy: 0.633001 F1 Score: 0.397307
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122324 Accuracy: 0.633083 F1 Score: 0.397219
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122042 Accuracy: 0.633071 F1 Score: 0.397381
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121771 Accuracy: 0.633152 F1 Score: 0.397398
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121321 Accuracy: 0.633140 F1 Score: 0.397344
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124675 Accuracy: 0.632848 F1 Score: 0.397132
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125844 Accuracy: 0.632556 F1 Score: 0.397051
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126184 Accuracy: 0.632731 F1 Score: 0.397472
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126743 Accuracy: 0.632533 F1 Score: 0.397226
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124483 Accuracy: 0.632894 F1 Score: 0.397517
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.122545 Accuracy: 0.633068 F1 Score: 0.397474
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.121648 Accuracy: 0.633056 F1 Score: 0.397446
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124554 Accuracy: 0.632674 F1 Score: 0.397205
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125267 Accuracy: 0.632662 F1 Score: 0.397175
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125583 Accuracy: 0.632282 F1 Score: 0.396935
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126779 Accuracy: 0.631996 F1 Score: 0.396663
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127986 Accuracy: 0.632169 F1 Score: 0.396839
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129601 Accuracy: 0.631975 F1 Score: 0.396799
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129016 Accuracy: 0.631965 F1 Score: 0.396632
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127291 Accuracy: 0.632046 F1 Score: 0.396764
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126082 Accuracy: 0.632036 F1 Score: 0.396965
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125542 Accuracy: 0.632026 F1 Score: 0.396799
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128405 Accuracy: 0.631833 F1 Score: 0.396561
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129537 Accuracy: 0.631459 F1 Score: 0.396248
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129122 Accuracy: 0.631632 F1 Score: 0.396219
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126747 Accuracy: 0.631985 F1 Score: 0.396377
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129419 Accuracy: 0.631884 F1 Score: 0.396407
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128676 Accuracy: 0.632055 F1 Score: 0.396593
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129886 Accuracy: 0.632135 F1 Score: 0.396508
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128581 Accuracy: 0.632395 F1 Score: 0.396649
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128147 Accuracy: 0.632565 F1 Score: 0.396734
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.125337 Accuracy: 0.632914 F1 Score: 0.397114
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126194 Accuracy: 0.633082 F1 Score: 0.397186
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126695 Accuracy: 0.633070 F1 Score: 0.397146
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127815 Accuracy: 0.632880 F1 Score: 0.396899
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127826 Accuracy: 0.632958 F1 Score: 0.396928
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126884 Accuracy: 0.633125 F1 Score: 0.396999
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127192 Accuracy: 0.633024 F1 Score: 0.397043
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127106 Accuracy: 0.632746 F1 Score: 0.396924
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127674 Accuracy: 0.632557 F1 Score: 0.396665
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126448 Accuracy: 0.632812 F1 Score: 0.396985
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124772 Accuracy: 0.633067 F1 Score: 0.396999
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124978 Accuracy: 0.633144 F1 Score: 0.397138
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126452 Accuracy: 0.632868 F1 Score: 0.396853
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127404 Accuracy: 0.632768 F1 Score: 0.397063
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126316 Accuracy: 0.632934 F1 Score: 0.397023
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124244 Accuracy: 0.633187 F1 Score: 0.397423
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124227 Accuracy: 0.633175 F1 Score: 0.397397
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.124491 Accuracy: 0.633251 F1 Score: 0.397412
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.126539 Accuracy: 0.632889 F1 Score: 0.397061
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128211 Accuracy: 0.632878 F1 Score: 0.397034
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127427 Accuracy: 0.632955 F1 Score: 0.397050
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129983 Accuracy: 0.633031 F1 Score: 0.397148
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131413 Accuracy: 0.632409 F1 Score: 0.396690
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132052 Accuracy: 0.632225 F1 Score: 0.396585
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132477 Accuracy: 0.632215 F1 Score: 0.396571
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132424 Accuracy: 0.632292 F1 Score: 0.396600
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133557 Accuracy: 0.632195 F1 Score: 0.396428
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134310 Accuracy: 0.632358 F1 Score: 0.396618
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135524 Accuracy: 0.632261 F1 Score: 0.396539
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137422 Accuracy: 0.631992 F1 Score: 0.396395
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137728 Accuracy: 0.631897 F1 Score: 0.396292
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139231 Accuracy: 0.631801 F1 Score: 0.396122
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138999 Accuracy: 0.631706 F1 Score: 0.395926
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137965 Accuracy: 0.631782 F1 Score: 0.395943
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141579 Accuracy: 0.631687 F1 Score: 0.395841
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142837 Accuracy: 0.631678 F1 Score: 0.395672
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143969 Accuracy: 0.631583 F1 Score: 0.395596
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142436 Accuracy: 0.631574 F1 Score: 0.395454
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144288 Accuracy: 0.631480 F1 Score: 0.395565
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141944 Accuracy: 0.631727 F1 Score: 0.395847
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142256 Accuracy: 0.631633 F1 Score: 0.395666
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143229 Accuracy: 0.631454 F1 Score: 0.395460
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141016 Accuracy: 0.631784 F1 Score: 0.395514
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144137 Accuracy: 0.631521 F1 Score: 0.395533
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143886 Accuracy: 0.631597 F1 Score: 0.395748
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144356 Accuracy: 0.631672 F1 Score: 0.395672
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144643 Accuracy: 0.631663 F1 Score: 0.395742
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143970 Accuracy: 0.631739 F1 Score: 0.395876
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144382 Accuracy: 0.631561 F1 Score: 0.395972
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142221 Accuracy: 0.631972 F1 Score: 0.396077
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142783 Accuracy: 0.632047 F1 Score: 0.396198
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141382 Accuracy: 0.632205 F1 Score: 0.396253
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141060 Accuracy: 0.632195 F1 Score: 0.396400
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140693 Accuracy: 0.632269 F1 Score: 0.396310
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140800 Accuracy: 0.632427 F1 Score: 0.396377
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140877 Accuracy: 0.632333 F1 Score: 0.396211
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140453 Accuracy: 0.632407 F1 Score: 0.396149
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139267 Accuracy: 0.632231 F1 Score: 0.395883
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138635 Accuracy: 0.632470 F1 Score: 0.396273
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138461 Accuracy: 0.632626 F1 Score: 0.396364
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138896 Accuracy: 0.632616 F1 Score: 0.396342
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139749 Accuracy: 0.632523 F1 Score: 0.396152
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141006 Accuracy: 0.632513 F1 Score: 0.396002
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139279 Accuracy: 0.632751 F1 Score: 0.396119
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139003 Accuracy: 0.632411 F1 Score: 0.395767
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137150 Accuracy: 0.632730 F1 Score: 0.395819
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137002 Accuracy: 0.632802 F1 Score: 0.395720
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136327 Accuracy: 0.632792 F1 Score: 0.395595
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136519 Accuracy: 0.632946 F1 Score: 0.395763
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136211 Accuracy: 0.632853 F1 Score: 0.395690
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137352 Accuracy: 0.632925 F1 Score: 0.395705
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136325 Accuracy: 0.632996 F1 Score: 0.395937
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136646 Accuracy: 0.632904 F1 Score: 0.396323
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135727 Accuracy: 0.632812 F1 Score: 0.396505
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133069 Accuracy: 0.633290 F1 Score: 0.396923
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136404 Accuracy: 0.633117 F1 Score: 0.396698
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137642 Accuracy: 0.632863 F1 Score: 0.396526
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138488 Accuracy: 0.632772 F1 Score: 0.396843
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136909 Accuracy: 0.632762 F1 Score: 0.396797
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136911 Accuracy: 0.632671 F1 Score: 0.396724
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138778 Accuracy: 0.632500 F1 Score: 0.396614
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139497 Accuracy: 0.632490 F1 Score: 0.396568
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137445 Accuracy: 0.632642 F1 Score: 0.396721
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137149 Accuracy: 0.632712 F1 Score: 0.396622
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138042 Accuracy: 0.632381 F1 Score: 0.396314
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137715 Accuracy: 0.632452 F1 Score: 0.396306
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137986 Accuracy: 0.632282 F1 Score: 0.396174
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136872 Accuracy: 0.632433 F1 Score: 0.396500
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136211 Accuracy: 0.632423 F1 Score: 0.396443
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134170 Accuracy: 0.632653 F1 Score: 0.396468
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134852 Accuracy: 0.632564 F1 Score: 0.396406
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133324 Accuracy: 0.632713 F1 Score: 0.396348
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132427 Accuracy: 0.632862 F1 Score: 0.396300
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132799 Accuracy: 0.632852 F1 Score: 0.396343
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132442 Accuracy: 0.632921 F1 Score: 0.396358
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131599 Accuracy: 0.632753 F1 Score: 0.396140
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129020 Accuracy: 0.633138 F1 Score: 0.396238
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130526 Accuracy: 0.633128 F1 Score: 0.396106
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131800 Accuracy: 0.633039 F1 Score: 0.396135
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130819 Accuracy: 0.632950 F1 Score: 0.396273
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132426 Accuracy: 0.632940 F1 Score: 0.396153
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132426 Accuracy: 0.632940 F1 Score: 0.396155
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134889 Accuracy: 0.632695 F1 Score: 0.396107
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134727 Accuracy: 0.632528 F1 Score: 0.395990
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134778 Accuracy: 0.632597 F1 Score: 0.395993
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134762 Accuracy: 0.632588 F1 Score: 0.395972
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135723 Accuracy: 0.632422 F1 Score: 0.395769
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136581 Accuracy: 0.632413 F1 Score: 0.395639
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135701 Accuracy: 0.632481 F1 Score: 0.395642
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134831 Accuracy: 0.632472 F1 Score: 0.395501
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134358 Accuracy: 0.632618 F1 Score: 0.395844
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132220 Accuracy: 0.632919 F1 Score: 0.396246
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132020 Accuracy: 0.632832 F1 Score: 0.396346
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134593 Accuracy: 0.632512 F1 Score: 0.396349
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133324 Accuracy: 0.632503 F1 Score: 0.396220
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134008 Accuracy: 0.632494 F1 Score: 0.396358
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134318 Accuracy: 0.632639 F1 Score: 0.396504
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132135 Accuracy: 0.632861 F1 Score: 0.396495
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131746 Accuracy: 0.632928 F1 Score: 0.396509
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132104 Accuracy: 0.632918 F1 Score: 0.396454
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131951 Accuracy: 0.633062 F1 Score: 0.396504
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133047 Accuracy: 0.633052 F1 Score: 0.396372
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133800 Accuracy: 0.632889 F1 Score: 0.396194
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134506 Accuracy: 0.632803 F1 Score: 0.396126
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135894 Accuracy: 0.632717 F1 Score: 0.396226
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134720 Accuracy: 0.632860 F1 Score: 0.396181
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134013 Accuracy: 0.632851 F1 Score: 0.396232
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134119 Accuracy: 0.632917 F1 Score: 0.396247
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135960 Accuracy: 0.632755 F1 Score: 0.396047
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134136 Accuracy: 0.632898 F1 Score: 0.396002
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134190 Accuracy: 0.632737 F1 Score: 0.396004
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133816 Accuracy: 0.632803 F1 Score: 0.396019
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135895 Accuracy: 0.632642 F1 Score: 0.395916
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134247 Accuracy: 0.632784 F1 Score: 0.395966
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132938 Accuracy: 0.632850 F1 Score: 0.395969
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132042 Accuracy: 0.632992 F1 Score: 0.396040
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132629 Accuracy: 0.632907 F1 Score: 0.395858
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131426 Accuracy: 0.633048 F1 Score: 0.395929
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130249 Accuracy: 0.633263 F1 Score: 0.395952
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129630 Accuracy: 0.633253 F1 Score: 0.396003
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132626 Accuracy: 0.632944 F1 Score: 0.395832
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131492 Accuracy: 0.633009 F1 Score: 0.395857
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132406 Accuracy: 0.632925 F1 Score: 0.395884
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134522 Accuracy: 0.632841 F1 Score: 0.395807
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133600 Accuracy: 0.632906 F1 Score: 0.395739
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132838 Accuracy: 0.632971 F1 Score: 0.395856
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131669 Accuracy: 0.633110 F1 Score: 0.395915
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132999 Accuracy: 0.632952 F1 Score: 0.395734
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133075 Accuracy: 0.632868 F1 Score: 0.395668
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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133075 Accuracy: 0.632868 F1 Score: 0.395668
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130994 Accuracy: 0.633081 F1 Score: 0.396111
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128991 Accuracy: 0.633294 F1 Score: 0.396297
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131052 Accuracy: 0.633136 F1 Score: 0.396093
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129722 Accuracy: 0.633200 F1 Score: 0.396107
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129281 Accuracy: 0.633191 F1 Score: 0.396156
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.127898 Accuracy: 0.633328 F1 Score: 0.396306
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128790 Accuracy: 0.633245 F1 Score: 0.396262
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129685 Accuracy: 0.633235 F1 Score: 0.396242
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130314 Accuracy: 0.633446 F1 Score: 0.396243
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130828 Accuracy: 0.633363 F1 Score: 0.396189
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130149 Accuracy: 0.633353 F1 Score: 0.396066
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130071 Accuracy: 0.633416 F1 Score: 0.395978
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.129787 Accuracy: 0.633553 F1 Score: 0.395945
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130962 Accuracy: 0.633324 F1 Score: 0.395964
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131506 Accuracy: 0.633168 F1 Score: 0.395978
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132138 Accuracy: 0.633231 F1 Score: 0.396003
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136172 Accuracy: 0.633076 F1 Score: 0.395792
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138289 Accuracy: 0.632776 F1 Score: 0.395504
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140440 Accuracy: 0.632622 F1 Score: 0.395406
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140507 Accuracy: 0.632541 F1 Score: 0.395365
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139491 Accuracy: 0.632532 F1 Score: 0.395244
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139014 Accuracy: 0.632595 F1 Score: 0.395520
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139233 Accuracy: 0.632514 F1 Score: 0.395366
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139456 Accuracy: 0.632434 F1 Score: 0.395303
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140005 Accuracy: 0.632281 F1 Score: 0.395106
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140865 Accuracy: 0.632272 F1 Score: 0.394997
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140604 Accuracy: 0.632408 F1 Score: 0.395034
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141914 Accuracy: 0.632256 F1 Score: 0.394827
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143355 Accuracy: 0.632247 F1 Score: 0.394798
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145239 Accuracy: 0.632167 F1 Score: 0.394746
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146438 Accuracy: 0.632159 F1 Score: 0.394628
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145885 Accuracy: 0.632294 F1 Score: 0.394775
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145339 Accuracy: 0.632357 F1 Score: 0.394789
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144777 Accuracy: 0.632349 F1 Score: 0.394649
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144433 Accuracy: 0.632412 F1 Score: 0.394833
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142264 Accuracy: 0.632759 F1 Score: 0.394911
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142973 Accuracy: 0.632608 F1 Score: 0.394727
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144533 Accuracy: 0.632457 F1 Score: 0.394622
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146156 Accuracy: 0.632449 F1 Score: 0.394516
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145943 Accuracy: 0.632370 F1 Score: 0.394554
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147041 Accuracy: 0.632290 F1 Score: 0.394514
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146650 Accuracy: 0.632353 F1 Score: 0.394518
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146046 Accuracy: 0.632345 F1 Score: 0.394412
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148763 Accuracy: 0.632195 F1 Score: 0.394209
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148886 Accuracy: 0.632258 F1 Score: 0.394478
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149590 Accuracy: 0.632249 F1 Score: 0.394614
```

```
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149744 Accuracy: 0.632241 F1 Score: 0.394509
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149388 Accuracy: 0.632303 F1 Score: 0.394414
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148033 Accuracy: 0.632365 F1 Score: 0.394440
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148378 Accuracy: 0.632217 F1 Score: 0.394259
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148668 Accuracy: 0.632279 F1 Score: 0.394439
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148808 Accuracy: 0.632131 F1 Score: 0.394347
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146567 Accuracy: 0.632542 F1 Score: 0.394971
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146699 Accuracy: 0.632533 F1 Score: 0.394953
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147721 Accuracy: 0.632455 F1 Score: 0.394892
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147307 Accuracy: 0.632308 F1 Score: 0.394778
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147416 Accuracy: 0.632230 F1 Score: 0.394740
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147234 Accuracy: 0.632222 F1 Score: 0.394886
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147803 Accuracy: 0.632214 F1 Score: 0.394879
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148683 Accuracy: 0.631929 F1 Score: 0.394681
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149028 Accuracy: 0.631852 F1 Score: 0.394513
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150985 Accuracy: 0.631706 F1 Score: 0.394324
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150044 Accuracy: 0.631837 F1 Score: 0.394360
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.150529 Accuracy: 0.631898 F1 Score: 0.394299
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.151014 Accuracy: 0.631684 F1 Score: 0.394134
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.149553 Accuracy: 0.631883 F1 Score: 0.394223
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.148305 Accuracy: 0.631944 F1 Score: 0.394227
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.147746 Accuracy: 0.631937 F1 Score: 0.394124
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.146128 Accuracy: 0.632135 F1 Score: 0.394116
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145031 Accuracy: 0.632264 F1 Score: 0.394152
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144112 Accuracy: 0.632325 F1 Score: 0.394318
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.142667 Accuracy: 0.632454 F1 Score: 0.394838
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145507 Accuracy: 0.632172 F1 Score: 0.394598
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145483 Accuracy: 0.632096 F1 Score: 0.394453
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145199 Accuracy: 0.632088 F1 Score: 0.394512
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145220 Accuracy: 0.632149 F1 Score: 0.394664
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143797 Accuracy: 0.632277 F1 Score: 0.394615
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144447 Accuracy: 0.632201 F1 Score: 0.394556
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143834 Accuracy: 0.632261 F1 Score: 0.394561
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145004 Accuracy: 0.632185 F1 Score: 0.394650
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.144880 Accuracy: 0.632245 F1 Score: 0.394824
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145330 Accuracy: 0.632170 F1 Score: 0.394766
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145638 Accuracy: 0.632162 F1 Score: 0.394897
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.145065 Accuracy: 0.632357 F1 Score: 0.394898
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.143349 Accuracy: 0.632551 F1 Score: 0.395079
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141302 Accuracy: 0.632880 F1 Score: 0.395238
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141438 Accuracy: 0.632939 F1 Score: 0.395325
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141509 Accuracy: 0.632930 F1 Score: 0.395391
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140880 Accuracy: 0.632854 F1 Score: 0.395554
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140553 Accuracy: 0.632846 F1 Score: 0.395611
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141360 Accuracy: 0.632637 F1 Score: 0.395489
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.141663 Accuracy: 0.632428 F1 Score: 0.395486
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.140362 Accuracy: 0.632620 F1 Score: 0.395821
```

```
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138873 Accuracy: 0.632679 F1 Score: 0.395740
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137969 Accuracy: 0.632737 F1 Score: 0.395753
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138635 Accuracy: 0.632729 F1 Score: 0.395661
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137977 Accuracy: 0.632854 F1 Score: 0.395622
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138269 Accuracy: 0.632646 F1 Score: 0.395418
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139066 Accuracy: 0.632505 F1 Score: 0.395236
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138006 Accuracy: 0.632630 F1 Score: 0.395299
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139351 Accuracy: 0.632622 F1 Score: 0.395207
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138194 Accuracy: 0.632746 F1 Score: 0.395168
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138332 Accuracy: 0.632606 F1 Score: 0.395079
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137854 Accuracy: 0.632664 F1 Score: 0.395083
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137706 Accuracy: 0.632722 F1 Score: 0.395159
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135524 Accuracy: 0.633109 F1 Score: 0.395438
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135919 Accuracy: 0.633035 F1 Score: 0.395297
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134994 Accuracy: 0.633224 F1 Score: 0.395381
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136006 Accuracy: 0.633281 F1 Score: 0.395560
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136566 Accuracy: 0.633272 F1 Score: 0.395458
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136336 Accuracy: 0.633263 F1 Score: 0.395422
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137361 Accuracy: 0.633058 F1 Score: 0.395202
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135695 Accuracy: 0.633246 F1 Score: 0.395367
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134800 Accuracy: 0.633368 F1 Score: 0.395430
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133470 Accuracy: 0.633555 F1 Score: 0.395422
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133930 Accuracy: 0.633546 F1 Score: 0.395395
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134538 Accuracy: 0.633277 F1 Score: 0.395218
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135428 Accuracy: 0.633203 F1 Score: 0.395079
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136812 Accuracy: 0.632999 F1 Score: 0.395044
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137905 Accuracy: 0.632991 F1 Score: 0.394915
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137183 Accuracy: 0.633178 F1 Score: 0.395132
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.139075 Accuracy: 0.633039 F1 Score: 0.394945
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.138431 Accuracy: 0.633225 F1 Score: 0.395128
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137452 Accuracy: 0.633282 F1 Score: 0.395060
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137144 Accuracy: 0.633402 F1 Score: 0.395040
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136649 Accuracy: 0.633329 F1 Score: 0.395126
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136186 Accuracy: 0.633127 F1 Score: 0.394891
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136653 Accuracy: 0.633054 F1 Score: 0.394754
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135450 Accuracy: 0.633175 F1 Score: 0.394939
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135048 Accuracy: 0.633230 F1 Score: 0.394880
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137219 Accuracy: 0.633158 F1 Score: 0.394734
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136122 Accuracy: 0.633214 F1 Score: 0.395041
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136038 Accuracy: 0.633077 F1 Score: 0.394856
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136524 Accuracy: 0.632812 F1 Score: 0.394594
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137456 Accuracy: 0.632741 F1 Score: 0.394628
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137956 Accuracy: 0.632541 F1 Score: 0.394442
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137476 Accuracy: 0.632597 F1 Score: 0.394474
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137491 Accuracy: 0.632526 F1 Score: 0.394428
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.137138 Accuracy: 0.632518 F1 Score: 0.394394
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136253 Accuracy: 0.632637 F1 Score: 0.394518
```

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Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135147 Accuracy: 0.632566 F1 Score: 0.394472
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134516 Accuracy: 0.632558 F1 Score: 0.394657
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134940 Accuracy: 0.632487 F1 Score: 0.394902
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133716 Accuracy: 0.632606 F1 Score: 0.394892
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134699 Accuracy: 0.632599 F1 Score: 0.394786
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133676 Accuracy: 0.632781 F1 Score: 0.394788
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133699 Accuracy: 0.632773 F1 Score: 0.394900
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133311 Accuracy: 0.632702 F1 Score: 0.394917
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134327 Accuracy: 0.632505 F1 Score: 0.394958
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135057 Accuracy: 0.632497 F1 Score: 0.394951
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136165 Accuracy: 0.632427 F1 Score: 0.394817
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135080 Accuracy: 0.632671 F1 Score: 0.394847
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135841 Accuracy: 0.632601 F1 Score: 0.394793
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.136464 Accuracy: 0.632656 F1 Score: 0.394952
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.135441 Accuracy: 0.632836 F1 Score: 0.395101
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134384 Accuracy: 0.632891 F1 Score: 0.395185
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134173 Accuracy: 0.632945 F1 Score: 0.395286
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133582 Accuracy: 0.633000 F1 Score: 0.395228
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133731 Accuracy: 0.633054 F1 Score: 0.395232
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133926 Accuracy: 0.633109 F1 Score: 0.395236
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133988 Accuracy: 0.633038 F1 Score: 0.395326
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133941 Accuracy: 0.633155 F1 Score: 0.395298
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.134362 Accuracy: 0.633022 F1 Score: 0.395224
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133067 Accuracy: 0.633014 F1 Score: 0.395111
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133536 Accuracy: 0.633006 F1 Score: 0.395095
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.133453 Accuracy: 0.632937 F1 Score: 0.395050
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.132299 Accuracy: 0.633053 F1 Score: 0.395100
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131956 Accuracy: 0.633106 F1 Score: 0.395183
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.131323 Accuracy: 0.633284 F1 Score: 0.395184
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.130004 Accuracy: 0.633399 F1 Score: 0.395226
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128379 Accuracy: 0.633576 F1 Score: 0.395226
Epoch: 1/3... Step: 950... Loss: 0.978238... Val Loss: 2.128732 Accuracy: 0.633506 F1 Score: 0.395086
950 steps in epoch 1

Epoch: 1, Average Accuracy: 0.63350592, Average f1: 0.39508560
```

Confusion matrix, without normalization

Confusion matrix, with normalization
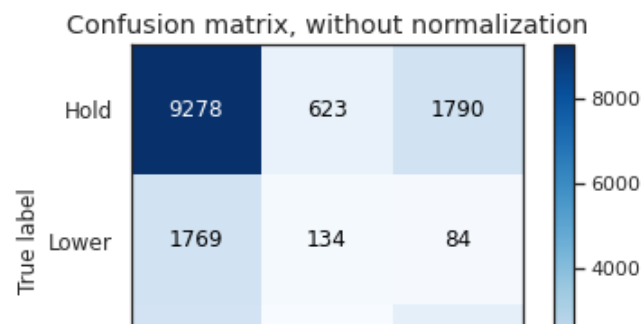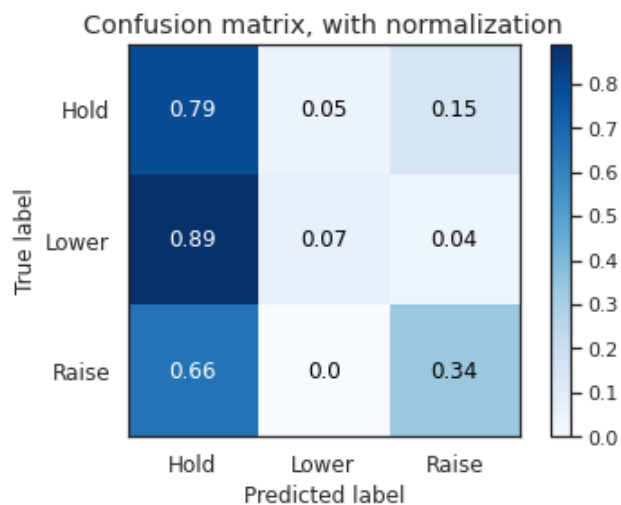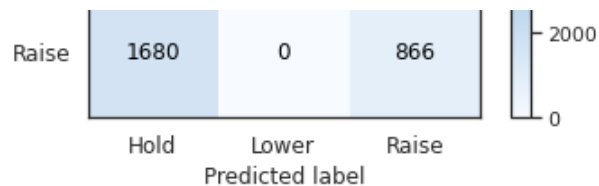
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.017269 Accuracy: 0.562500 F1 Score: 0.240000
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.998023 Accuracy: 0.593750 F1 Score: 0.248366
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.003501 Accuracy: 0.562500 F1 Score: 0.274480
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947183 Accuracy: 0.593750 F1 Score: 0.276970
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.975720 Accuracy: 0.562500 F1 Score: 0.262292
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.109472 Accuracy: 0.572917 F1 Score: 0.312478
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.109611 Accuracy: 0.589286 F1 Score: 0.324667
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.139957 Accuracy: 0.601562 F1 Score: 0.320455
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.192093 Accuracy: 0.590278 F1 Score: 0.312135
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.173783 Accuracy: 0.600000 F1 Score: 0.320135
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.166455 Accuracy: 0.602273 F1 Score: 0.315009
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.112898 Accuracy: 0.619792 F1 Score: 0.335780
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.129763 Accuracy: 0.615385 F1 Score: 0.327826
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.098644 Accuracy: 0.620536 F1 Score: 0.332870
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.094754 Accuracy: 0.620833 F1 Score: 0.334892
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.083259 Accuracy: 0.628906 F1 Score: 0.340523
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.066301 Accuracy: 0.628676 F1 Score: 0.336229
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.048800 Accuracy: 0.631944 F1 Score: 0.339478
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.091502 Accuracy: 0.615132 F1 Score: 0.328402
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.089666 Accuracy: 0.618750 F1 Score: 0.326910
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.073089 Accuracy: 0.622024 F1 Score: 0.330090
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.086294 Accuracy: 0.613636 F1 Score: 0.328182
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.064827 Accuracy: 0.622283 F1 Score: 0.329087
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.050492 Accuracy: 0.627604 F1 Score: 0.341205

```
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.041932 Accuracy: 0.630000 F1 Score: 0.339703
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.018723 Accuracy: 0.641827 F1 Score: 0.346403
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.008002 Accuracy: 0.641204 F1 Score: 0.347157
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.009037 Accuracy: 0.642857 F1 Score: 0.351937
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.029411 Accuracy: 0.644397 F1 Score: 0.350354
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.032226 Accuracy: 0.647917 F1 Score: 0.353016
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.027254 Accuracy: 0.649194 F1 Score: 0.351803
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.020778 Accuracy: 0.648438 F1 Score: 0.351936
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.038862 Accuracy: 0.643939 F1 Score: 0.347888
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.035964 Accuracy: 0.641544 F1 Score: 0.347489
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.046234 Accuracy: 0.639286 F1 Score: 0.344455
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.058019 Accuracy: 0.644097 F1 Score: 0.350010
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.040112 Accuracy: 0.652027 F1 Score: 0.352043
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.026068 Accuracy: 0.657895 F1 Score: 0.353072
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.019980 Accuracy: 0.658654 F1 Score: 0.357375
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.014426 Accuracy: 0.659375 F1 Score: 0.358119
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.002891 Accuracy: 0.664634 F1 Score: 0.360989
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.995574 Accuracy: 0.666667 F1 Score: 0.364949
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 1.000293 Accuracy: 0.662791 F1 Score: 0.364330
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.991487 Accuracy: 0.666193 F1 Score: 0.364316
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.992189 Accuracy: 0.666667 F1 Score: 0.363379
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.998980 Accuracy: 0.664402 F1 Score: 0.360754
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.996282 Accuracy: 0.663564 F1 Score: 0.359158
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.985233 Accuracy: 0.667969 F1 Score: 0.360198
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.980447 Accuracy: 0.668367 F1 Score: 0.360750
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.981235 Accuracy: 0.667500 F1 Score: 0.359226
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.995065 Accuracy: 0.664216 F1 Score: 0.358335
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.995188 Accuracy: 0.659856 F1 Score: 0.355220
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.987278 Accuracy: 0.662736 F1 Score: 0.355255
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.976783 Accuracy: 0.667824 F1 Score: 0.358432
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.985920 Accuracy: 0.665909 F1 Score: 0.356439
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.980472 Accuracy: 0.668527 F1 Score: 0.356709
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.979118 Accuracy: 0.667763 F1 Score: 0.355404
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.986908 Accuracy: 0.664871 F1 Score: 0.354189
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.988264 Accuracy: 0.662076 F1 Score: 0.353550
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.980970 Accuracy: 0.664583 F1 Score: 0.358878
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.975197 Accuracy: 0.665984 F1 Score: 0.358560
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.973254 Accuracy: 0.663306 F1 Score: 0.356238
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.970371 Accuracy: 0.661706 F1 Score: 0.356670
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.976561 Accuracy: 0.660156 F1 Score: 0.356300
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.973611 Accuracy: 0.662500 F1 Score: 0.357590
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.966958 Accuracy: 0.664773 F1 Score: 0.357593
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.969432 Accuracy: 0.662313 F1 Score: 0.355965
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.974790 Accuracy: 0.660846 F1 Score: 0.353909
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.974684 Accuracy: 0.660326 F1 Score: 0.352901
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.976427 Accuracy: 0.662500 F1 Score: 0.355836
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.982216 Accuracy: 0.662852 F1 Score: 0.355093
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.977392 Accuracy: 0.664062 F1 Score: 0.354850
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.978036 Accuracy: 0.663527 F1 Score: 0.353876
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.974258 Accuracy: 0.666385 F1 Score: 0.355527
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.972916 Accuracy: 0.666667 F1 Score: 0.354353
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.976755 Accuracy: 0.663651 F1 Score: 0.353403
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.983036 Accuracy: 0.661526 F1 Score: 0.355312
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.982275 Accuracy: 0.661859 F1 Score: 0.354869
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.976619 Accuracy: 0.663766 F1 Score: 0.356376
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.975298 Accuracy: 0.662500 F1 Score: 0.354835
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.970015 Accuracy: 0.665123 F1 Score: 0.356529
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967034 Accuracy: 0.665396 F1 Score: 0.355877
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964907 Accuracy: 0.665663 F1 Score: 0.356457
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961464 Accuracy: 0.666667 F1 Score: 0.356239
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956993 Accuracy: 0.667647 F1 Score: 0.356019
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956514 Accuracy: 0.667151 F1 Score: 0.354978
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956634 Accuracy: 0.666667 F1 Score: 0.355347
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955887 Accuracy: 0.666193 F1 Score: 0.355306
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953598 Accuracy: 0.667837 F1 Score: 0.356255
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952782 Accuracy: 0.666667 F1 Score: 0.356003
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954981 Accuracy: 0.666209 F1 Score: 0.356142
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955153 Accuracy: 0.666440 F1 Score: 0.355375
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955658 Accuracy: 0.667339 F1 Score: 0.356274
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953649 Accuracy: 0.667553 F1 Score: 0.357656
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955479 Accuracy: 0.667763 F1 Score: 0.357088
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953840 Accuracy: 0.667318 F1 Score: 0.357203
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958948 Accuracy: 0.664948 F1 Score: 0.358706
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.957848 Accuracy: 0.665816 F1 Score: 0.360370
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953440 Accuracy: 0.666667 F1 Score: 0.359998
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.957368 Accuracy: 0.665625 F1 Score: 0.358891
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958880 Accuracy: 0.663366 F1 Score: 0.358572
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961302 Accuracy: 0.662377 F1 Score: 0.358163
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961590 Accuracy: 0.663835 F1 Score: 0.358321
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.960583 Accuracy: 0.664062 F1 Score: 0.357950
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959673 Accuracy: 0.664881 F1 Score: 0.358722
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959836 Accuracy: 0.665094 F1 Score: 0.358355
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965051 Accuracy: 0.662967 F1 Score: 0.357837
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961594 Accuracy: 0.664352 F1 Score: 0.358141
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962010 Accuracy: 0.663991 F1 Score: 0.358548
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.966981 Accuracy: 0.663068 F1 Score: 0.357397
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967340 Accuracy: 0.661036 F1 Score: 0.356846
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965509 Accuracy: 0.660156 F1 Score: 0.355736
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.966496 Accuracy: 0.658739 F1 Score: 0.354338
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967243 Accuracy: 0.659539 F1 Score: 0.354939
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963581 Accuracy: 0.660326 F1 Score: 0.354507
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961895 Accuracy: 0.661638 F1 Score: 0.354380
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958987 Accuracy: 0.661859 F1 Score: 0.354807
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955448 Accuracy: 0.662606 F1 Score: 0.355662
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954963 Accuracy: 0.662290 F1 Score: 0.355776
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951766 Accuracy: 0.663542 F1 Score: 0.355780
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952650 Accuracy: 0.664256 F1 Score: 0.355490
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949284 Accuracy: 0.665471 F1 Score: 0.356259
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951912 Accuracy: 0.664634 F1 Score: 0.355313
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952096 Accuracy: 0.663810 F1 Score: 0.356915
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951787 Accuracy: 0.663000 F1 Score: 0.357392
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954637 Accuracy: 0.663194 F1 Score: 0.359381
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952233 Accuracy: 0.664370 F1 Score: 0.360150
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956895 Accuracy: 0.663086 F1 Score: 0.359649
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959967 Accuracy: 0.662791 F1 Score: 0.358954
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962338 Accuracy: 0.661058 F1 Score: 0.358332
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959063 Accuracy: 0.661737 F1 Score: 0.359416
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959131 Accuracy: 0.662879 F1 Score: 0.361724
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956804 Accuracy: 0.664474 F1 Score: 0.363988
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959855 Accuracy: 0.663246 F1 Score: 0.363158
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965133 Accuracy: 0.662500 F1 Score: 0.361956
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963170 Accuracy: 0.662224 F1 Score: 0.363607
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961243 Accuracy: 0.663321 F1 Score: 0.365096
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958307 Accuracy: 0.664402 F1 Score: 0.365204
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.957635 Accuracy: 0.665018 F1 Score: 0.365729
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.957256 Accuracy: 0.665179 F1 Score: 0.365195
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956904 Accuracy: 0.665780 F1 Score: 0.365595
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961197 Accuracy: 0.665053 F1 Score: 0.366122
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.960238 Accuracy: 0.665210 F1 Score: 0.365952
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958419 Accuracy: 0.664931 F1 Score: 0.366602
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955915 Accuracy: 0.665948 F1 Score: 0.366583
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955558 Accuracy: 0.666096 F1 Score: 0.366826
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955042 Accuracy: 0.667517 F1 Score: 0.368844
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955840 Accuracy: 0.667230 F1 Score: 0.368818
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953708 Accuracy: 0.668205 F1 Score: 0.369297
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951258 Accuracy: 0.669583 F1 Score: 0.369514
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949309 Accuracy: 0.670116 F1 Score: 0.369238
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.957865 Accuracy: 0.668586 F1 Score: 0.368374
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958166 Accuracy: 0.669118 F1 Score: 0.368717
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956112 Accuracy: 0.670049 F1 Score: 0.368801
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955281 Accuracy: 0.669758 F1 Score: 0.368400
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952208 Accuracy: 0.670272 F1 Score: 0.368247
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951361 Accuracy: 0.670382 F1 Score: 0.368084
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950071 Accuracy: 0.670886 F1 Score: 0.367932
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.956283 Accuracy: 0.668632 F1 Score: 0.366281
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.957000 Accuracy: 0.668750 F1 Score: 0.366289
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953670 Accuracy: 0.669643 F1 Score: 0.366965
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952786 Accuracy: 0.670139 F1 Score: 0.366605
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955887 Accuracy: 0.669479 F1 Score: 0.365687
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954711 Accuracy: 0.669588 F1 Score: 0.365537
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953071 Accuracy: 0.670455 F1 Score: 0.366782
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950895 Accuracy: 0.671310 F1 Score: 0.367331
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952034 Accuracy: 0.671033 F1 Score: 0.367534
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951964 Accuracy: 0.671131 F1 Score: 0.367955
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954345 Accuracy: 0.670118 F1 Score: 0.366943
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952392 Accuracy: 0.670956 F1 Score: 0.367374
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952556 Accuracy: 0.670687 F1 Score: 0.366702
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951532 Accuracy: 0.670785 F1 Score: 0.366456
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955814 Accuracy: 0.669436 F1 Score: 0.366170
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954887 Accuracy: 0.669540 F1 Score: 0.366276
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955859 Accuracy: 0.667857 F1 Score: 0.365145
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953971 Accuracy: 0.667969 F1 Score: 0.365892
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953378 Accuracy: 0.668785 F1 Score: 0.365874
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952122 Accuracy: 0.669242 F1 Score: 0.366713
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952964 Accuracy: 0.668645 F1 Score: 0.366800
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954066 Accuracy: 0.668056 F1 Score: 0.366264
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951513 Accuracy: 0.668163 F1 Score: 0.365940
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.953405 Accuracy: 0.667926 F1 Score: 0.365321
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952861 Accuracy: 0.668033 F1 Score: 0.365003
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954943 Accuracy: 0.667799 F1 Score: 0.365105
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958245 Accuracy: 0.666892 F1 Score: 0.364812
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959175 Accuracy: 0.665995 F1 Score: 0.364203
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965773 Accuracy: 0.666110 F1 Score: 0.363803
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964000 Accuracy: 0.666556 F1 Score: 0.364707
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964182 Accuracy: 0.666336 F1 Score: 0.364253
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962672 Accuracy: 0.667105 F1 Score: 0.364334
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964163 Accuracy: 0.667212 F1 Score: 0.363939
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965057 Accuracy: 0.666667 F1 Score: 0.363762
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967039 Accuracy: 0.666451 F1 Score: 0.363683
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.966370 Accuracy: 0.666559 F1 Score: 0.363791
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965647 Accuracy: 0.666987 F1 Score: 0.364265
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965909 Accuracy: 0.666454 F1 Score: 0.363513
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965372 Accuracy: 0.666244 F1 Score: 0.363707
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967588 Accuracy: 0.666351 F1 Score: 0.363420
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964455 Accuracy: 0.667714 F1 Score: 0.364735
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.966492 Accuracy: 0.666875 F1 Score: 0.364648
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965480 Accuracy: 0.666978 F1 Score: 0.364836
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965746 Accuracy: 0.666460 F1 Score: 0.364279
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.966009 Accuracy: 0.666564 F1 Score: 0.364378
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967312 Accuracy: 0.665441 F1 Score: 0.363851
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965759 Accuracy: 0.666159 F1 Score: 0.363842
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965293 Accuracy: 0.666262 F1 Score: 0.364028
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964144 Accuracy: 0.666667 F1 Score: 0.363755
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963701 Accuracy: 0.666466 F1 Score: 0.363222
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962836 Accuracy: 0.666567 F1 Score: 0.363409
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962946 Accuracy: 0.666071 F1 Score: 0.362966
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963738 Accuracy: 0.666173 F1 Score: 0.364054
```

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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964259 Accuracy: 0.665389 F1 Score: 0.363443
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.964657 Accuracy: 0.665200 F1 Score: 0.363009
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.965031 Accuracy: 0.665304 F1 Score: 0.362786
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963424 Accuracy: 0.665698 F1 Score: 0.362778
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961417 Accuracy: 0.666377 F1 Score: 0.362685
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961729 Accuracy: 0.665899 F1 Score: 0.362341
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967102 Accuracy: 0.665711 F1 Score: 0.362196
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.968316 Accuracy: 0.665811 F1 Score: 0.361777
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967971 Accuracy: 0.665909 F1 Score: 0.361443
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.968089 Accuracy: 0.665441 F1 Score: 0.361901
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.968482 Accuracy: 0.664977 F1 Score: 0.361327
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.969432 Accuracy: 0.663957 F1 Score: 0.361217
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.968662 Accuracy: 0.664062 F1 Score: 0.361559
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.967663 Accuracy: 0.664444 F1 Score: 0.361900
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.966203 Accuracy: 0.664823 F1 Score: 0.362660
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963937 Accuracy: 0.665749 F1 Score: 0.362894
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962044 Accuracy: 0.666393 F1 Score: 0.363385
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963289 Accuracy: 0.665939 F1 Score: 0.363239
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.963219 Accuracy: 0.666304 F1 Score: 0.363072
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962219 Accuracy: 0.666667 F1 Score: 0.364144
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962523 Accuracy: 0.667026 F1 Score: 0.364422
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962861 Accuracy: 0.667114 F1 Score: 0.364584
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.961174 Accuracy: 0.667735 F1 Score: 0.365381
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962494 Accuracy: 0.667287 F1 Score: 0.365226
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.959755 Accuracy: 0.668167 F1 Score: 0.365689
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962059 Accuracy: 0.667985 F1 Score: 0.365610
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.962332 Accuracy: 0.668067 F1 Score: 0.365290
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.960442 Accuracy: 0.668672 F1 Score: 0.366142
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958218 Accuracy: 0.669531 F1 Score: 0.366203
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.958215 Accuracy: 0.669346 F1 Score: 0.366277
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955970 Accuracy: 0.669680 F1 Score: 0.366111
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.955455 Accuracy: 0.670267 F1 Score: 0.366947
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.954176 Accuracy: 0.670338 F1 Score: 0.367168
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952131 Accuracy: 0.670918 F1 Score: 0.367457
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950697 Accuracy: 0.671494 F1 Score: 0.367743
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950540 Accuracy: 0.671559 F1 Score: 0.367881
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950568 Accuracy: 0.671371 F1 Score: 0.367569
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950178 Accuracy: 0.671687 F1 Score: 0.368155
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948686 Accuracy: 0.672250 F1 Score: 0.368509
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948263 Accuracy: 0.672062 F1 Score: 0.368199
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948990 Accuracy: 0.671875 F1 Score: 0.367966
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950149 Accuracy: 0.671443 F1 Score: 0.368102
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949518 Accuracy: 0.671752 F1 Score: 0.368306
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949314 Accuracy: 0.671814 F1 Score: 0.367996
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948052 Accuracy: 0.671875 F1 Score: 0.368493
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949012 Accuracy: 0.671206 F1 Score: 0.367977
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947427 Accuracy: 0.671512 F1 Score: 0.367890
```

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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946275 Accuracy: 0.671573 F1 Score: 0.367586
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944804 Accuracy: 0.672115 F1 Score: 0.368003
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944951 Accuracy: 0.672174 F1 Score: 0.368565
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945411 Accuracy: 0.672233 F1 Score: 0.368222
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946230 Accuracy: 0.671816 F1 Score: 0.368068
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948354 Accuracy: 0.671638 F1 Score: 0.367984
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948435 Accuracy: 0.671226 F1 Score: 0.367625
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949083 Accuracy: 0.671288 F1 Score: 0.367754
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.952524 Accuracy: 0.670646 F1 Score: 0.367395
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951489 Accuracy: 0.670942 F1 Score: 0.367385
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951314 Accuracy: 0.670771 F1 Score: 0.367029
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950606 Accuracy: 0.670370 F1 Score: 0.367372
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951756 Accuracy: 0.669511 F1 Score: 0.367025
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951354 Accuracy: 0.669347 F1 Score: 0.366947
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950255 Accuracy: 0.669643 F1 Score: 0.367209
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949765 Accuracy: 0.669480 F1 Score: 0.367944
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949256 Accuracy: 0.669545 F1 Score: 0.368067
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948886 Accuracy: 0.670063 F1 Score: 0.368317
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948075 Accuracy: 0.670578 F1 Score: 0.368704
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949395 Accuracy: 0.670414 F1 Score: 0.368619
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949701 Accuracy: 0.670027 F1 Score: 0.368541
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948399 Accuracy: 0.670536 F1 Score: 0.368526
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949103 Accuracy: 0.670374 F1 Score: 0.368253
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948417 Accuracy: 0.670434 F1 Score: 0.368044
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947463 Accuracy: 0.670716 F1 Score: 0.367966
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947459 Accuracy: 0.670775 F1 Score: 0.367759
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945581 Accuracy: 0.671711 F1 Score: 0.368262
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945803 Accuracy: 0.671329 F1 Score: 0.368376
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945128 Accuracy: 0.671385 F1 Score: 0.368882
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944843 Accuracy: 0.671441 F1 Score: 0.369131
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944855 Accuracy: 0.671497 F1 Score: 0.368924
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946536 Accuracy: 0.670905 F1 Score: 0.368720
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946208 Accuracy: 0.670962 F1 Score: 0.368583
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946134 Accuracy: 0.670805 F1 Score: 0.368636
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946903 Accuracy: 0.670648 F1 Score: 0.368373
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947835 Accuracy: 0.670068 F1 Score: 0.368107
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950011 Accuracy: 0.669492 F1 Score: 0.367975
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949597 Accuracy: 0.669341 F1 Score: 0.368096
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950345 Accuracy: 0.669402 F1 Score: 0.368453
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950924 Accuracy: 0.669673 F1 Score: 0.368865
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949430 Accuracy: 0.669941 F1 Score: 0.369099
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948616 Accuracy: 0.669792 F1 Score: 0.369017
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949120 Accuracy: 0.669643 F1 Score: 0.369671
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947879 Accuracy: 0.670323 F1 Score: 0.369781
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948565 Accuracy: 0.669761 F1 Score: 0.369280
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948412 Accuracy: 0.669819 F1 Score: 0.369386
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947760 Accuracy: 0.670082 F1 Score: 0.369613
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947700 Accuracy: 0.670082 F1 Score: 0.369613
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948561 Accuracy: 0.669322 F1 Score: 0.368803
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948186 Accuracy: 0.669381 F1 Score: 0.369205
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947542 Accuracy: 0.669237 F1 Score: 0.368957
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945639 Accuracy: 0.670105 F1 Score: 0.369122
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944870 Accuracy: 0.669960 F1 Score: 0.369106
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944386 Accuracy: 0.669815 F1 Score: 0.369055
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943636 Accuracy: 0.670072 F1 Score: 0.368923
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945545 Accuracy: 0.669329 F1 Score: 0.368260
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946175 Accuracy: 0.669387 F1 Score: 0.368303
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950515 Accuracy: 0.668254 F1 Score: 0.367537
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950562 Accuracy: 0.667722 F1 Score: 0.367311
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951307 Accuracy: 0.667192 F1 Score: 0.367191
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949809 Accuracy: 0.667846 F1 Score: 0.367874
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949853 Accuracy: 0.667516 F1 Score: 0.367611
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948668 Accuracy: 0.667773 F1 Score: 0.367547
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948984 Accuracy: 0.667640 F1 Score: 0.367598
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950331 Accuracy: 0.667120 F1 Score: 0.367580
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.951080 Accuracy: 0.666796 F1 Score: 0.367415
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950804 Accuracy: 0.666860 F1 Score: 0.367459
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950462 Accuracy: 0.667115 F1 Score: 0.368019
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949237 Accuracy: 0.667561 F1 Score: 0.368071
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949377 Accuracy: 0.667431 F1 Score: 0.368059
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948672 Accuracy: 0.667683 F1 Score: 0.368335
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947433 Accuracy: 0.668313 F1 Score: 0.368993
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945559 Accuracy: 0.669129 F1 Score: 0.369424
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946726 Accuracy: 0.668995 F1 Score: 0.369012
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945620 Accuracy: 0.669428 F1 Score: 0.369335
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944449 Accuracy: 0.669857 F1 Score: 0.369930
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943034 Accuracy: 0.670284 F1 Score: 0.370400
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942967 Accuracy: 0.670336 F1 Score: 0.370702
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943324 Accuracy: 0.670573 F1 Score: 0.370637
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945146 Accuracy: 0.670252 F1 Score: 0.370236
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945848 Accuracy: 0.670118 F1 Score: 0.370068
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946072 Accuracy: 0.669801 F1 Score: 0.369849
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946319 Accuracy: 0.669853 F1 Score: 0.369942
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945612 Accuracy: 0.669905 F1 Score: 0.369649
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945387 Accuracy: 0.669956 F1 Score: 0.369890
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944675 Accuracy: 0.670007 F1 Score: 0.369982
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944330 Accuracy: 0.669876 F1 Score: 0.369759
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943818 Accuracy: 0.669746 F1 Score: 0.369595
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944201 Accuracy: 0.669978 F1 Score: 0.369679
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943900 Accuracy: 0.669849 F1 Score: 0.369721
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943208 Accuracy: 0.669899 F1 Score: 0.369870
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942245 Accuracy: 0.669950 F1 Score: 0.369961
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941277 Accuracy: 0.669821 F1 Score: 0.370117
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941754 Accuracy: 0.669516 F1 Score: 0.370049
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941949 Accuracy: 0.669744 F1 Score: 0.370561
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941940 Accuracy: 0.669744 F1 Score: 0.370561
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942083 Accuracy: 0.669263 F1 Score: 0.370187
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943592 Accuracy: 0.668962 F1 Score: 0.370062
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943408 Accuracy: 0.669014 F1 Score: 0.370093
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942520 Accuracy: 0.669242 F1 Score: 0.370230
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942750 Accuracy: 0.669468 F1 Score: 0.370169
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942977 Accuracy: 0.669344 F1 Score: 0.369954
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942347 Accuracy: 0.669394 F1 Score: 0.369789
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942504 Accuracy: 0.669792 F1 Score: 0.369802
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944316 Accuracy: 0.669668 F1 Score: 0.369533
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943400 Accuracy: 0.669890 F1 Score: 0.369613
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943597 Accuracy: 0.669594 F1 Score: 0.369354
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943937 Accuracy: 0.669299 F1 Score: 0.369121
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943288 Accuracy: 0.669178 F1 Score: 0.370079
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941861 Accuracy: 0.669911 F1 Score: 0.370773
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941083 Accuracy: 0.669789 F1 Score: 0.370505
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939612 Accuracy: 0.670516 F1 Score: 0.370891
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938228 Accuracy: 0.671070 F1 Score: 0.371033
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938599 Accuracy: 0.670946 F1 Score: 0.371069
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939215 Accuracy: 0.670654 F1 Score: 0.371002
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938597 Accuracy: 0.670531 F1 Score: 0.370983
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941406 Accuracy: 0.669739 F1 Score: 0.370391
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942531 Accuracy: 0.669452 F1 Score: 0.370082
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943648 Accuracy: 0.669000 F1 Score: 0.370270
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943210 Accuracy: 0.669215 F1 Score: 0.370644
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942034 Accuracy: 0.669761 F1 Score: 0.371215
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942609 Accuracy: 0.669643 F1 Score: 0.371142
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942265 Accuracy: 0.669690 F1 Score: 0.370929
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941720 Accuracy: 0.669572 F1 Score: 0.370964
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941812 Accuracy: 0.669455 F1 Score: 0.370945
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941829 Accuracy: 0.669339 F1 Score: 0.370979
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942240 Accuracy: 0.669060 F1 Score: 0.370624
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941762 Accuracy: 0.669271 F1 Score: 0.370698
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941036 Accuracy: 0.669643 F1 Score: 0.371735
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939486 Accuracy: 0.670175 F1 Score: 0.371768
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940001 Accuracy: 0.669897 F1 Score: 0.371752
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938987 Accuracy: 0.670264 F1 Score: 0.371922
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939600 Accuracy: 0.670469 F1 Score: 0.371861
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939610 Accuracy: 0.670353 F1 Score: 0.371606
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941010 Accuracy: 0.670077 F1 Score: 0.371562
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940412 Accuracy: 0.670281 F1 Score: 0.371604
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941361 Accuracy: 0.670165 F1 Score: 0.371351
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941638 Accuracy: 0.670051 F1 Score: 0.371232
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941260 Accuracy: 0.670253 F1 Score: 0.372098
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941102 Accuracy: 0.670139 F1 Score: 0.372178
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940638 Accuracy: 0.670183 F1 Score: 0.372709
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939844 Accuracy: 0.670697 F1 Score: 0.373750
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938839 Accuracy: 0.670896 F1 Score: 0.373866
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938288 Accuracy: 0.670781 F1 Score: 0.373840
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941097 Accuracy: 0.669888 F1 Score: 0.373263
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942593 Accuracy: 0.669621 F1 Score: 0.372968
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942454 Accuracy: 0.669975 F1 Score: 0.372905
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942417 Accuracy: 0.669554 F1 Score: 0.372616
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941314 Accuracy: 0.669907 F1 Score: 0.372875
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941707 Accuracy: 0.669643 F1 Score: 0.372507
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941875 Accuracy: 0.669533 F1 Score: 0.372262
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942288 Accuracy: 0.669424 F1 Score: 0.372242
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942184 Accuracy: 0.669163 F1 Score: 0.372224
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941812 Accuracy: 0.669360 F1 Score: 0.372484
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941790 Accuracy: 0.669100 F1 Score: 0.372102
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941097 Accuracy: 0.669296 F1 Score: 0.372534
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939806 Accuracy: 0.669643 F1 Score: 0.372693
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939306 Accuracy: 0.669686 F1 Score: 0.372543
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939901 Accuracy: 0.669729 F1 Score: 0.372394
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940779 Accuracy: 0.669621 F1 Score: 0.372374
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940782 Accuracy: 0.669664 F1 Score: 0.372444
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940682 Accuracy: 0.669557 F1 Score: 0.372518
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940300 Accuracy: 0.669451 F1 Score: 0.372280
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939992 Accuracy: 0.669940 F1 Score: 0.373007
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939885 Accuracy: 0.670279 F1 Score: 0.373208
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943057 Accuracy: 0.669727 F1 Score: 0.372654
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942935 Accuracy: 0.669770 F1 Score: 0.372554
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943027 Accuracy: 0.669517 F1 Score: 0.372276
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944173 Accuracy: 0.669118 F1 Score: 0.372171
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944349 Accuracy: 0.669161 F1 Score: 0.372194
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943638 Accuracy: 0.669350 F1 Score: 0.372352
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943098 Accuracy: 0.669246 F1 Score: 0.372378
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942712 Accuracy: 0.669435 F1 Score: 0.372534
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943085 Accuracy: 0.669186 F1 Score: 0.372169
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942576 Accuracy: 0.669374 F1 Score: 0.372114
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942173 Accuracy: 0.669126 F1 Score: 0.372172
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941426 Accuracy: 0.669457 F1 Score: 0.372159
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942526 Accuracy: 0.669211 F1 Score: 0.372262
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941937 Accuracy: 0.669397 F1 Score: 0.372462
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941918 Accuracy: 0.669295 F1 Score: 0.372943
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942207 Accuracy: 0.669193 F1 Score: 0.372922
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942652 Accuracy: 0.669092 F1 Score: 0.372827
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941717 Accuracy: 0.669562 F1 Score: 0.372901
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940923 Accuracy: 0.669744 F1 Score: 0.373008
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942248 Accuracy: 0.669501 F1 Score: 0.372827
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942273 Accuracy: 0.669400 F1 Score: 0.372689
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941687 Accuracy: 0.669723 F1 Score: 0.372856
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942334 Accuracy: 0.669623 F1 Score: 0.372836
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941636 Accuracy: 0.669803 F1 Score: 0.373075
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940709 Accuracy: 0.670123 F1 Score: 0.373266
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939695 Accuracy: 0.670442 F1 Score: 0.373500
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939221 Accuracy: 0.670480 F1 Score: 0.373926
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938600 Accuracy: 0.670657 F1 Score: 0.374232
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938221 Accuracy: 0.670833 F1 Score: 0.374176
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938243 Accuracy: 0.670870 F1 Score: 0.374683
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938874 Accuracy: 0.670492 F1 Score: 0.374507
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938578 Accuracy: 0.670530 F1 Score: 0.374367
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938420 Accuracy: 0.670705 F1 Score: 0.374512
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938376 Accuracy: 0.670879 F1 Score: 0.374500
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937774 Accuracy: 0.671053 F1 Score: 0.374557
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937489 Accuracy: 0.671089 F1 Score: 0.374858
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937507 Accuracy: 0.670852 F1 Score: 0.374946
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937973 Accuracy: 0.670752 F1 Score: 0.374681
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938220 Accuracy: 0.670380 F1 Score: 0.374533
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938502 Accuracy: 0.670418 F1 Score: 0.374440
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939775 Accuracy: 0.669913 F1 Score: 0.374363
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939492 Accuracy: 0.670086 F1 Score: 0.374892
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938802 Accuracy: 0.670393 F1 Score: 0.375265
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938105 Accuracy: 0.670565 F1 Score: 0.375168
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937538 Accuracy: 0.670735 F1 Score: 0.375307
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938051 Accuracy: 0.670637 F1 Score: 0.375132
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937526 Accuracy: 0.670673 F1 Score: 0.375039
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937251 Accuracy: 0.671109 F1 Score: 0.375063
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937059 Accuracy: 0.670878 F1 Score: 0.374765
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936360 Accuracy: 0.671178 F1 Score: 0.374750
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935826 Accuracy: 0.671213 F1 Score: 0.374765
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936329 Accuracy: 0.670983 F1 Score: 0.374677
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936551 Accuracy: 0.670754 F1 Score: 0.374467
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936280 Accuracy: 0.670789 F1 Score: 0.374376
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937251 Accuracy: 0.670825 F1 Score: 0.374581
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936579 Accuracy: 0.671253 F1 Score: 0.374836
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936493 Accuracy: 0.671548 F1 Score: 0.374864
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936239 Accuracy: 0.671842 F1 Score: 0.375080
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936582 Accuracy: 0.672005 F1 Score: 0.375173
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936081 Accuracy: 0.672167 F1 Score: 0.375162
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936236 Accuracy: 0.671810 F1 Score: 0.374978
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935579 Accuracy: 0.672101 F1 Score: 0.375193
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935710 Accuracy: 0.672004 F1 Score: 0.374939
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935873 Accuracy: 0.671778 F1 Score: 0.374920
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936356 Accuracy: 0.671553 F1 Score: 0.375044
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935369 Accuracy: 0.671971 F1 Score: 0.375294
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934592 Accuracy: 0.672259 F1 Score: 0.375691
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933230 Accuracy: 0.672929 F1 Score: 0.375870
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933689 Accuracy: 0.672704 F1 Score: 0.375639
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935056 Accuracy: 0.672480 F1 Score: 0.375494
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934160 Accuracy: 0.672637 F1 Score: 0.375585
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934308 Accuracy: 0.672667 F1 Score: 0.375637
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933558 Accuracy: 0.672697 F1 Score: 0.375466
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933251 Accuracy: 0.672727 F1 Score: 0.375418
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934341 Accuracy: 0.672631 F1 Score: 0.375129
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933610 Accuracy: 0.672787 F1 Score: 0.374996
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933001 Accuracy: 0.672942 F1 Score: 0.374944
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933678 Accuracy: 0.672846 F1 Score: 0.374938
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932536 Accuracy: 0.673375 F1 Score: 0.375076
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932778 Accuracy: 0.673278 F1 Score: 0.374871
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932444 Accuracy: 0.673556 F1 Score: 0.375178
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933289 Accuracy: 0.673335 F1 Score: 0.375200
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933751 Accuracy: 0.673363 F1 Score: 0.375212
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935342 Accuracy: 0.672896 F1 Score: 0.374921
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935335 Accuracy: 0.672801 F1 Score: 0.375216
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934978 Accuracy: 0.672830 F1 Score: 0.375049
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936102 Accuracy: 0.672490 F1 Score: 0.374955
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935326 Accuracy: 0.672642 F1 Score: 0.374945
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934386 Accuracy: 0.672917 F1 Score: 0.375542
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934510 Accuracy: 0.672701 F1 Score: 0.375563
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935424 Accuracy: 0.672485 F1 Score: 0.375264
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935846 Accuracy: 0.672271 F1 Score: 0.375245
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935757 Accuracy: 0.672179 F1 Score: 0.375045
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935633 Accuracy: 0.672330 F1 Score: 0.374996
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935654 Accuracy: 0.672481 F1 Score: 0.375122
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935447 Accuracy: 0.672510 F1 Score: 0.375095
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935086 Accuracy: 0.672539 F1 Score: 0.375068
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935313 Accuracy: 0.672688 F1 Score: 0.374979
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935450 Accuracy: 0.672596 F1 Score: 0.374822
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934520 Accuracy: 0.672985 F1 Score: 0.375055
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935046 Accuracy: 0.672893 F1 Score: 0.375245
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934967 Accuracy: 0.673040 F1 Score: 0.375581
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934133 Accuracy: 0.673306 F1 Score: 0.375527
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934685 Accuracy: 0.673214 F1 Score: 0.375370
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934992 Accuracy: 0.673123 F1 Score: 0.375214
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935464 Accuracy: 0.673031 F1 Score: 0.375136
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934374 Accuracy: 0.673414 F1 Score: 0.375366
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934758 Accuracy: 0.672968 F1 Score: 0.374992
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934704 Accuracy: 0.672877 F1 Score: 0.374760
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933784 Accuracy: 0.673376 F1 Score: 0.375233
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933352 Accuracy: 0.673520 F1 Score: 0.375146
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932763 Accuracy: 0.673780 F1 Score: 0.375472
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932137 Accuracy: 0.674040 F1 Score: 0.375797
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932451 Accuracy: 0.673715 F1 Score: 0.375460
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932347 Accuracy: 0.673624 F1 Score: 0.375268
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932758 Accuracy: 0.673534 F1 Score: 0.375453
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.931909 Accuracy: 0.673792 F1 Score: 0.375607
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.931704 Accuracy: 0.673701 F1 Score: 0.375546
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.931731 Accuracy: 0.673611 F1 Score: 0.375599
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.932855 Accuracy: 0.673637 F1 Score: 0.375981
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933914 Accuracy: 0.673547 F1 Score: 0.375919
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933297 Accuracy: 0.673803 F1 Score: 0.375942
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933476 Accuracy: 0.673598 F1 Score: 0.375644
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933369 Accuracy: 0.673739 F1 Score: 0.375890
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933276 Accuracy: 0.673535 F1 Score: 0.376164
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.933691 Accuracy: 0.673560 F1 Score: 0.376046
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934715 Accuracy: 0.673244 F1 Score: 0.375642
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.934879 Accuracy: 0.673156 F1 Score: 0.375381
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935922 Accuracy: 0.672841 F1 Score: 0.375508
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.935784 Accuracy: 0.672981 F1 Score: 0.375388
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936536 Accuracy: 0.672781 F1 Score: 0.375259
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936487 Accuracy: 0.672807 F1 Score: 0.375432
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937102 Accuracy: 0.672608 F1 Score: 0.375252
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936763 Accuracy: 0.672748 F1 Score: 0.375207
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937913 Accuracy: 0.672437 F1 Score: 0.375084
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937630 Accuracy: 0.672689 F1 Score: 0.375356
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937694 Accuracy: 0.672715 F1 Score: 0.375439
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937631 Accuracy: 0.672853 F1 Score: 0.375518
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937428 Accuracy: 0.673103 F1 Score: 0.375664
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937654 Accuracy: 0.673017 F1 Score: 0.375482
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937145 Accuracy: 0.673154 F1 Score: 0.375597
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937499 Accuracy: 0.673290 F1 Score: 0.375797
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937441 Accuracy: 0.673316 F1 Score: 0.375842
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936874 Accuracy: 0.673451 F1 Score: 0.375955
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936983 Accuracy: 0.673476 F1 Score: 0.375806
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936860 Accuracy: 0.673501 F1 Score: 0.375815
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936484 Accuracy: 0.673526 F1 Score: 0.375860
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936566 Accuracy: 0.673440 F1 Score: 0.375888
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937445 Accuracy: 0.673246 F1 Score: 0.375677
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937620 Accuracy: 0.672833 F1 Score: 0.375297
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937950 Accuracy: 0.672749 F1 Score: 0.375134
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938274 Accuracy: 0.672557 F1 Score: 0.374975
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937511 Accuracy: 0.672909 F1 Score: 0.375221
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937351 Accuracy: 0.673043 F1 Score: 0.375142
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937100 Accuracy: 0.673069 F1 Score: 0.375068
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936866 Accuracy: 0.672985 F1 Score: 0.375047
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936655 Accuracy: 0.673010 F1 Score: 0.374973
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936623 Accuracy: 0.672927 F1 Score: 0.375058
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937692 Accuracy: 0.672737 F1 Score: 0.375055
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938180 Accuracy: 0.672440 F1 Score: 0.374889
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938454 Accuracy: 0.672358 F1 Score: 0.374680
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938254 Accuracy: 0.672384 F1 Score: 0.374572
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939096 Accuracy: 0.672089 F1 Score: 0.374302
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939541 Accuracy: 0.671795 F1 Score: 0.374034
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939492 Accuracy: 0.671502 F1 Score: 0.373767
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939492 Accuracy: 0.671502 F1 Score: 0.373767
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938881 Accuracy: 0.671848 F1 Score: 0.373821
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939654 Accuracy: 0.671662 F1 Score: 0.373891
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939158 Accuracy: 0.671795 F1 Score: 0.373816
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939275 Accuracy: 0.671504 F1 Score: 0.373855
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939347 Accuracy: 0.671426 F1 Score: 0.373685
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941774 Accuracy: 0.671136 F1 Score: 0.373607
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942323 Accuracy: 0.671058 F1 Score: 0.373404
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942470 Accuracy: 0.671086 F1 Score: 0.373417
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942722 Accuracy: 0.670903 F1 Score: 0.373453
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943387 Accuracy: 0.670931 F1 Score: 0.373297
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943555 Accuracy: 0.670959 F1 Score: 0.373159
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942912 Accuracy: 0.671091 F1 Score: 0.373353
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942979 Accuracy: 0.670910 F1 Score: 0.373156
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943445 Accuracy: 0.670729 F1 Score: 0.372961
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942648 Accuracy: 0.670965 F1 Score: 0.373250
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942180 Accuracy: 0.671200 F1 Score: 0.373389
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942281 Accuracy: 0.671227 F1 Score: 0.373469
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941799 Accuracy: 0.671461 F1 Score: 0.373493
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941128 Accuracy: 0.671694 F1 Score: 0.373483
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941478 Accuracy: 0.671617 F1 Score: 0.373284
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941043 Accuracy: 0.671746 F1 Score: 0.373722
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940114 Accuracy: 0.672183 F1 Score: 0.373952
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939636 Accuracy: 0.672209 F1 Score: 0.373883
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940008 Accuracy: 0.671926 F1 Score: 0.373707
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939835 Accuracy: 0.671952 F1 Score: 0.373572
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939419 Accuracy: 0.672283 F1 Score: 0.373885
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939012 Accuracy: 0.672410 F1 Score: 0.373845
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938351 Accuracy: 0.672537 F1 Score: 0.373739
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937493 Accuracy: 0.672866 F1 Score: 0.373970
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937789 Accuracy: 0.672788 F1 Score: 0.374132
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937683 Accuracy: 0.672711 F1 Score: 0.374437
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937724 Accuracy: 0.672633 F1 Score: 0.374307
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936982 Accuracy: 0.673061 F1 Score: 0.374709
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.936628 Accuracy: 0.673286 F1 Score: 0.374731
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937106 Accuracy: 0.673209 F1 Score: 0.374568
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937340 Accuracy: 0.673031 F1 Score: 0.374521
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938310 Accuracy: 0.672953 F1 Score: 0.374359
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938132 Accuracy: 0.672877 F1 Score: 0.374517
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.937265 Accuracy: 0.673200 F1 Score: 0.374711
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939154 Accuracy: 0.672524 F1 Score: 0.374183
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940547 Accuracy: 0.672548 F1 Score: 0.374161
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941542 Accuracy: 0.672273 F1 Score: 0.373912
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940796 Accuracy: 0.672496 F1 Score: 0.374077
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940306 Accuracy: 0.672619 F1 Score: 0.374181
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940473 Accuracy: 0.672643 F1 Score: 0.374082
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940147 Accuracy: 0.672567 F1 Score: 0.374129
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940180 Accuracy: 0.672493 F1 Score: 0.374113
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940189 Accuracy: 0.672492 F1 Score: 0.374112
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939629 Accuracy: 0.672614 F1 Score: 0.374073
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939221 Accuracy: 0.672736 F1 Score: 0.374209
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939060 Accuracy: 0.672759 F1 Score: 0.374142
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939267 Accuracy: 0.672684 F1 Score: 0.374016
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940465 Accuracy: 0.672120 F1 Score: 0.373591
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941464 Accuracy: 0.671851 F1 Score: 0.373443
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942545 Accuracy: 0.671680 F1 Score: 0.373367
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942174 Accuracy: 0.671899 F1 Score: 0.373607
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941527 Accuracy: 0.672118 F1 Score: 0.373737
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940984 Accuracy: 0.672240 F1 Score: 0.373839
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940790 Accuracy: 0.672263 F1 Score: 0.374097
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940870 Accuracy: 0.672287 F1 Score: 0.374000
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941001 Accuracy: 0.672310 F1 Score: 0.373872
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940696 Accuracy: 0.672527 F1 Score: 0.374140
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941046 Accuracy: 0.672454 F1 Score: 0.373998
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941088 Accuracy: 0.672381 F1 Score: 0.374119
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940915 Accuracy: 0.672404 F1 Score: 0.373992
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940691 Accuracy: 0.672427 F1 Score: 0.373927
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940113 Accuracy: 0.672642 F1 Score: 0.373949
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940293 Accuracy: 0.672665 F1 Score: 0.374097
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939904 Accuracy: 0.672783 F1 Score: 0.374439
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939975 Accuracy: 0.672805 F1 Score: 0.374344
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939474 Accuracy: 0.673018 F1 Score: 0.374501
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938448 Accuracy: 0.673421 F1 Score: 0.374713
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938798 Accuracy: 0.673062 F1 Score: 0.374416
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.938893 Accuracy: 0.673084 F1 Score: 0.374289
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939298 Accuracy: 0.672917 F1 Score: 0.374078
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939159 Accuracy: 0.673128 F1 Score: 0.374068
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939760 Accuracy: 0.673150 F1 Score: 0.373974
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939324 Accuracy: 0.673265 F1 Score: 0.374073
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939296 Accuracy: 0.673193 F1 Score: 0.374056
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939245 Accuracy: 0.673308 F1 Score: 0.374050
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939148 Accuracy: 0.673236 F1 Score: 0.373899
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939029 Accuracy: 0.673163 F1 Score: 0.373748
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939131 Accuracy: 0.673091 F1 Score: 0.373566
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940613 Accuracy: 0.672646 F1 Score: 0.373188
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941056 Accuracy: 0.672201 F1 Score: 0.372977
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941048 Accuracy: 0.672224 F1 Score: 0.373154
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940860 Accuracy: 0.672061 F1 Score: 0.372979
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940200 Accuracy: 0.672363 F1 Score: 0.373130
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939504 Accuracy: 0.672663 F1 Score: 0.373177
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939084 Accuracy: 0.672685 F1 Score: 0.373249
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939948 Accuracy: 0.672430 F1 Score: 0.373152
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939907 Accuracy: 0.672452 F1 Score: 0.373074
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940249 Accuracy: 0.672105 F1 Score: 0.372758
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940417 Accuracy: 0.671852 F1 Score: 0.372620
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940998 Accuracy: 0.671783 F1 Score: 0.372576
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941518 Accuracy: 0.671623 F1 Score: 0.372973
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941537 Accuracy: 0.671829 F1 Score: 0.372964
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941128 Accuracy: 0.671852 F1 Score: 0.373005
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940836 Accuracy: 0.671692 F1 Score: 0.373097
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940642 Accuracy: 0.671807 F1 Score: 0.373004
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941343 Accuracy: 0.671556 F1 Score: 0.372806
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941384 Accuracy: 0.671488 F1 Score: 0.372749
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941043 Accuracy: 0.671693 F1 Score: 0.372799
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940494 Accuracy: 0.671988 F1 Score: 0.372816
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941189 Accuracy: 0.671920 F1 Score: 0.372963
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941021 Accuracy: 0.672124 F1 Score: 0.373216
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941322 Accuracy: 0.672236 F1 Score: 0.373210
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940612 Accuracy: 0.672529 F1 Score: 0.373416
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940392 Accuracy: 0.672550 F1 Score: 0.373486
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939748 Accuracy: 0.672932 F1 Score: 0.373947
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940230 Accuracy: 0.672953 F1 Score: 0.373857
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940438 Accuracy: 0.672884 F1 Score: 0.373842
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940873 Accuracy: 0.672636 F1 Score: 0.373647
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940656 Accuracy: 0.672657 F1 Score: 0.373716
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940150 Accuracy: 0.672946 F1 Score: 0.373861
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940112 Accuracy: 0.672878 F1 Score: 0.374004
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940785 Accuracy: 0.672365 F1 Score: 0.373688
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940944 Accuracy: 0.672208 F1 Score: 0.373491
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940485 Accuracy: 0.672496 F1 Score: 0.374019
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939728 Accuracy: 0.672784 F1 Score: 0.374063
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939775 Accuracy: 0.672805 F1 Score: 0.374102
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939925 Accuracy: 0.672737 F1 Score: 0.373931
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940407 Accuracy: 0.672405 F1 Score: 0.373656
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939904 Accuracy: 0.672514 F1 Score: 0.373621
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939517 Accuracy: 0.672711 F1 Score: 0.373866
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939539 Accuracy: 0.672556 F1 Score: 0.373826
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.939647 Accuracy: 0.672577 F1 Score: 0.373865
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940262 Accuracy: 0.672160 F1 Score: 0.373539
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940526 Accuracy: 0.672269 F1 Score: 0.373643
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.940456 Accuracy: 0.672290 F1 Score: 0.373682
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941801 Accuracy: 0.672137 F1 Score: 0.373586
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942248 Accuracy: 0.671722 F1 Score: 0.373319
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942273 Accuracy: 0.671657 F1 Score: 0.373362
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942172 Accuracy: 0.671679 F1 Score: 0.373441
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941862 Accuracy: 0.671788 F1 Score: 0.373686
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.941973 Accuracy: 0.671723 F1 Score: 0.373575
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942066 Accuracy: 0.671832 F1 Score: 0.373819
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942116 Accuracy: 0.671940 F1 Score: 0.373923
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942675 Accuracy: 0.671702 F1 Score: 0.373887
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942934 Accuracy: 0.671638 F1 Score: 0.373844
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943424 Accuracy: 0.671574 F1 Score: 0.373734
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943367 Accuracy: 0.671510 F1 Score: 0.373596
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942991 Accuracy: 0.671532 F1 Score: 0.373634
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944259 Accuracy: 0.671296 F1 Score: 0.373364
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945237 Accuracy: 0.671233 F1 Score: 0.373171
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945605 Accuracy: 0.671084 F1 Score: 0.373161
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944945 Accuracy: 0.671277 F1 Score: 0.373153
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945922 Accuracy: 0.671129 F1 Score: 0.373305
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945330 Accuracy: 0.671236 F1 Score: 0.373245
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945293 Accuracy: 0.671173 F1 Score: 0.373137
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945317 Accuracy: 0.671111 F1 Score: 0.373084
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944625 Accuracy: 0.671472 F1 Score: 0.373152
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945658 Accuracy: 0.671155 F1 Score: 0.372917
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945459 Accuracy: 0.671008 F1 Score: 0.372947
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945524 Accuracy: 0.671030 F1 Score: 0.372891
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945973 Accuracy: 0.671053 F1 Score: 0.372902
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945601 Accuracy: 0.671159 F1 Score: 0.373114
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945686 Accuracy: 0.670929 F1 Score: 0.372987
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944898 Accuracy: 0.671287 F1 Score: 0.373081
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945010 Accuracy: 0.671393 F1 Score: 0.373264
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944543 Accuracy: 0.671498 F1 Score: 0.373325
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944417 Accuracy: 0.671519 F1 Score: 0.373549
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944275 Accuracy: 0.671541 F1 Score: 0.373466
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944274 Accuracy: 0.671646 F1 Score: 0.373554
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944416 Accuracy: 0.671583 F1 Score: 0.373448
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944160 Accuracy: 0.671771 F1 Score: 0.373467
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943832 Accuracy: 0.671792 F1 Score: 0.373330
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943693 Accuracy: 0.671813 F1 Score: 0.373247
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943526 Accuracy: 0.671834 F1 Score: 0.373219
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943634 Accuracy: 0.671772 F1 Score: 0.373234
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944095 Accuracy: 0.671710 F1 Score: 0.373074
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944650 Accuracy: 0.671731 F1 Score: 0.372938
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943981 Accuracy: 0.671916 F1 Score: 0.373076
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943991 Accuracy: 0.671690 F1 Score: 0.372936
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943504 Accuracy: 0.671957 F1 Score: 0.372978
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943615 Accuracy: 0.672060 F1 Score: 0.372920
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943365 Accuracy: 0.672162 F1 Score: 0.373007
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943480 Accuracy: 0.672100 F1 Score: 0.373006
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943391 Accuracy: 0.672120 F1 Score: 0.373044
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943804 Accuracy: 0.672222 F1 Score: 0.373131
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943136 Accuracy: 0.672487 F1 Score: 0.373527
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943506 Accuracy: 0.672262 F1 Score: 0.373376
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943570 Accuracy: 0.672119 F1 Score: 0.373287
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942767 Accuracy: 0.672464 F1 Score: 0.373378
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944051 Accuracy: 0.672240 F1 Score: 0.373175
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944571 Accuracy: 0.672017 F1 Score: 0.372946
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944742 Accuracy: 0.672037 F1 Score: 0.372983
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944381 Accuracy: 0.672057 F1 Score: 0.372876
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944447 Accuracy: 0.671915 F1 Score: 0.372698
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945033 Accuracy: 0.671694 F1 Score: 0.372641
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945442 Accuracy: 0.671714 F1 Score: 0.372625
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944908 Accuracy: 0.671734 F1 Score: 0.372636
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945098 Accuracy: 0.671835 F1 Score: 0.372579
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945199 Accuracy: 0.671775 F1 Score: 0.372452
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945402 Accuracy: 0.671795 F1 Score: 0.372437
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945768 Accuracy: 0.671735 F1 Score: 0.372541
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945358 Accuracy: 0.671755 F1 Score: 0.372578
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945305 Accuracy: 0.671775 F1 Score: 0.372589
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944761 Accuracy: 0.672034 F1 Score: 0.372630
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944788 Accuracy: 0.671975 F1 Score: 0.372540
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944436 Accuracy: 0.671994 F1 Score: 0.372410
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944123 Accuracy: 0.672252 F1 Score: 0.372424
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944708 Accuracy: 0.672113 F1 Score: 0.372313
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944636 Accuracy: 0.672212 F1 Score: 0.372373
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944282 Accuracy: 0.672389 F1 Score: 0.372480
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943390 Accuracy: 0.672803 F1 Score: 0.372590
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944092 Accuracy: 0.672585 F1 Score: 0.372368
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944415 Accuracy: 0.672446 F1 Score: 0.372450
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944172 Accuracy: 0.672387 F1 Score: 0.372552
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944527 Accuracy: 0.672484 F1 Score: 0.372898
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945090 Accuracy: 0.672268 F1 Score: 0.372955
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945360 Accuracy: 0.672208 F1 Score: 0.372918
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945516 Accuracy: 0.672306 F1 Score: 0.372951
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945432 Accuracy: 0.672247 F1 Score: 0.372826
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945868 Accuracy: 0.672109 F1 Score: 0.372679
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946170 Accuracy: 0.672129 F1 Score: 0.372715
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945955 Accuracy: 0.672148 F1 Score: 0.372700
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945559 Accuracy: 0.672245 F1 Score: 0.372620
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945218 Accuracy: 0.672341 F1 Score: 0.373124
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944525 Accuracy: 0.672516 F1 Score: 0.373229
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944551 Accuracy: 0.672379 F1 Score: 0.373082
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945414 Accuracy: 0.672011 F1 Score: 0.373206
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945327 Accuracy: 0.671952 F1 Score: 0.373057
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945838 Accuracy: 0.671740 F1 Score: 0.372903
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946141 Accuracy: 0.671759 F1 Score: 0.372913
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945483 Accuracy: 0.671933 F1 Score: 0.372881
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945508 Accuracy: 0.672029 F1 Score: 0.372963
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945921 Accuracy: 0.671971 F1 Score: 0.372903
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945944 Accuracy: 0.672067 F1 Score: 0.372960
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946258 Accuracy: 0.672009 F1 Score: 0.372858
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946225 Accuracy: 0.671875 F1 Score: 0.372763
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946512 Accuracy: 0.671818 F1 Score: 0.372751
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946964 Accuracy: 0.671760 F1 Score: 0.372912
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946669 Accuracy: 0.672009 F1 Score: 0.372927
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946517 Accuracy: 0.672027 F1 Score: 0.373047
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946517 Accuracy: 0.672027 F1 Score: 0.373047
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946391 Accuracy: 0.672046 F1 Score: 0.373082
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946625 Accuracy: 0.671913 F1 Score: 0.372949
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946101 Accuracy: 0.672084 F1 Score: 0.372918
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945873 Accuracy: 0.672103 F1 Score: 0.372952
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945691 Accuracy: 0.672121 F1 Score: 0.372986
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946257 Accuracy: 0.672140 F1 Score: 0.373021
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945871 Accuracy: 0.672310 F1 Score: 0.373122
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945716 Accuracy: 0.672403 F1 Score: 0.373154
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945241 Accuracy: 0.672648 F1 Score: 0.373325
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945480 Accuracy: 0.672666 F1 Score: 0.373202
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945050 Accuracy: 0.672759 F1 Score: 0.373305
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944446 Accuracy: 0.673002 F1 Score: 0.373367
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944411 Accuracy: 0.673019 F1 Score: 0.373485
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944998 Accuracy: 0.672737 F1 Score: 0.373409
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944427 Accuracy: 0.672904 F1 Score: 0.373509
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944595 Accuracy: 0.672847 F1 Score: 0.373736
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945501 Accuracy: 0.672715 F1 Score: 0.373679
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944973 Accuracy: 0.672956 F1 Score: 0.373716
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944593 Accuracy: 0.673123 F1 Score: 0.373840
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944125 Accuracy: 0.673214 F1 Score: 0.373786
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944349 Accuracy: 0.673008 F1 Score: 0.373648
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944202 Accuracy: 0.672951 F1 Score: 0.373660
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943712 Accuracy: 0.673043 F1 Score: 0.373714
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943024 Accuracy: 0.673282 F1 Score: 0.373941
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943731 Accuracy: 0.673151 F1 Score: 0.373800
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943302 Accuracy: 0.673168 F1 Score: 0.373833
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943102 Accuracy: 0.673037 F1 Score: 0.373646
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942603 Accuracy: 0.673202 F1 Score: 0.373744
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942846 Accuracy: 0.673071 F1 Score: 0.373758
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943036 Accuracy: 0.673015 F1 Score: 0.373770
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943425 Accuracy: 0.673252 F1 Score: 0.373807
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943544 Accuracy: 0.673195 F1 Score: 0.373818
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943300 Accuracy: 0.673212 F1 Score: 0.373721
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943278 Accuracy: 0.673156 F1 Score: 0.373580
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943088 Accuracy: 0.673319 F1 Score: 0.373572
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943521 Accuracy: 0.673116 F1 Score: 0.373390
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943500 Accuracy: 0.673060 F1 Score: 0.373659
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943698 Accuracy: 0.673077 F1 Score: 0.373586
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945169 Accuracy: 0.672875 F1 Score: 0.373381
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946074 Accuracy: 0.672602 F1 Score: 0.373237
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946672 Accuracy: 0.672401 F1 Score: 0.373184
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946568 Accuracy: 0.672419 F1 Score: 0.373159
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946166 Accuracy: 0.672509 F1 Score: 0.373131
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946002 Accuracy: 0.672454 F1 Score: 0.373166
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946077 Accuracy: 0.672471 F1 Score: 0.373094
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946207 Accuracy: 0.672344 F1 Score: 0.373063
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946449 Accuracy: 0.672290 F1 Score: 0.372924
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Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946449 Accuracy: 0.672290 F1 Score: 0.372924
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946578 Accuracy: 0.672235 F1 Score: 0.372832
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946720 Accuracy: 0.672253 F1 Score: 0.372715
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947137 Accuracy: 0.672270 F1 Score: 0.372598
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947765 Accuracy: 0.672359 F1 Score: 0.372651
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948074 Accuracy: 0.672305 F1 Score: 0.372687
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948627 Accuracy: 0.672322 F1 Score: 0.372593
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948348 Accuracy: 0.672483 F1 Score: 0.372840
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948241 Accuracy: 0.672500 F1 Score: 0.372872
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948281 Accuracy: 0.672517 F1 Score: 0.372756
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948122 Accuracy: 0.672534 F1 Score: 0.372731
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947398 Accuracy: 0.672836 F1 Score: 0.372787
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947635 Accuracy: 0.672853 F1 Score: 0.372820
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948400 Accuracy: 0.672656 F1 Score: 0.372746
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948883 Accuracy: 0.672673 F1 Score: 0.372676
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948769 Accuracy: 0.672761 F1 Score: 0.372854
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948984 Accuracy: 0.672636 F1 Score: 0.372753
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948748 Accuracy: 0.672723 F1 Score: 0.372909
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948446 Accuracy: 0.672811 F1 Score: 0.372881
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949444 Accuracy: 0.672616 F1 Score: 0.372683
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949576 Accuracy: 0.672562 F1 Score: 0.372718
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950004 Accuracy: 0.672508 F1 Score: 0.372797
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950011 Accuracy: 0.672596 F1 Score: 0.372747
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949860 Accuracy: 0.672683 F1 Score: 0.372777
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949362 Accuracy: 0.672840 F1 Score: 0.372894
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949334 Accuracy: 0.672856 F1 Score: 0.372825
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949571 Accuracy: 0.672872 F1 Score: 0.372913
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949534 Accuracy: 0.672959 F1 Score: 0.372942
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948922 Accuracy: 0.673115 F1 Score: 0.373138
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949068 Accuracy: 0.672921 F1 Score: 0.372964
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949461 Accuracy: 0.672798 F1 Score: 0.372911
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949380 Accuracy: 0.672675 F1 Score: 0.372836
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949406 Accuracy: 0.672692 F1 Score: 0.372890
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949111 Accuracy: 0.672708 F1 Score: 0.372866
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949194 Accuracy: 0.672586 F1 Score: 0.372758
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949476 Accuracy: 0.672464 F1 Score: 0.372914
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949752 Accuracy: 0.672411 F1 Score: 0.372760
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950312 Accuracy: 0.672359 F1 Score: 0.372693
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950143 Accuracy: 0.672376 F1 Score: 0.372581
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949951 Accuracy: 0.672392 F1 Score: 0.372535
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.950257 Accuracy: 0.672202 F1 Score: 0.372320
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949706 Accuracy: 0.672357 F1 Score: 0.372413
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949303 Accuracy: 0.672442 F1 Score: 0.372465
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.949181 Accuracy: 0.672390 F1 Score: 0.372377
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948718 Accuracy: 0.672544 F1 Score: 0.372348
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948539 Accuracy: 0.672697 F1 Score: 0.372519
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948265 Accuracy: 0.672645 F1 Score: 0.372432
```
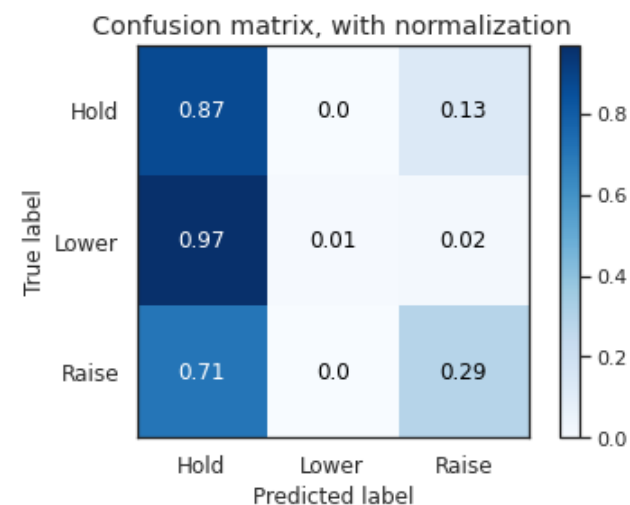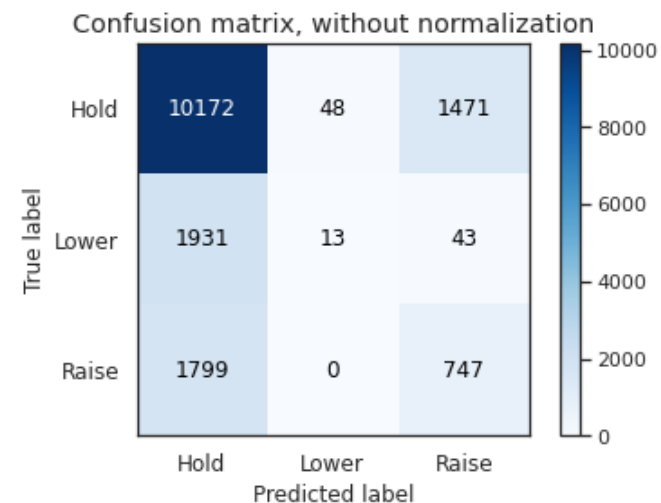
```
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947937 Accuracy: 0.672593 F1 Score: 0.372444
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948696 Accuracy: 0.672268 F1 Score: 0.372257
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948523 Accuracy: 0.672284 F1 Score: 0.372211
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948526 Accuracy: 0.672301 F1 Score: 0.372343
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948744 Accuracy: 0.672249 F1 Score: 0.372243
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948451 Accuracy: 0.672402 F1 Score: 0.372215
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948519 Accuracy: 0.672351 F1 Score: 0.372085
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948183 Accuracy: 0.672503 F1 Score: 0.372178
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948400 Accuracy: 0.672383 F1 Score: 0.372060
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948448 Accuracy: 0.672400 F1 Score: 0.372169
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948695 Accuracy: 0.672484 F1 Score: 0.372438
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948643 Accuracy: 0.672500 F1 Score: 0.372415
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.948389 Accuracy: 0.672651 F1 Score: 0.372386
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947917 Accuracy: 0.672802 F1 Score: 0.372598
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947339 Accuracy: 0.673020 F1 Score: 0.372610
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947220 Accuracy: 0.673036 F1 Score: 0.372963
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947239 Accuracy: 0.672984 F1 Score: 0.373073
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947019 Accuracy: 0.672932 F1 Score: 0.373041
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946910 Accuracy: 0.672948 F1 Score: 0.373148
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946927 Accuracy: 0.672897 F1 Score: 0.373180
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947112 Accuracy: 0.672778 F1 Score: 0.373011
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946695 Accuracy: 0.672928 F1 Score: 0.373144
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946468 Accuracy: 0.672877 F1 Score: 0.372994
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946306 Accuracy: 0.672959 F1 Score: 0.373065
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946459 Accuracy: 0.672974 F1 Score: 0.373020
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946202 Accuracy: 0.673123 F1 Score: 0.373110
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946172 Accuracy: 0.673205 F1 Score: 0.373083
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946554 Accuracy: 0.673021 F1 Score: 0.372917
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946136 Accuracy: 0.673235 F1 Score: 0.373068
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946564 Accuracy: 0.673118 F1 Score: 0.372973
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946056 Accuracy: 0.673265 F1 Score: 0.372966
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946046 Accuracy: 0.673214 F1 Score: 0.373073
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945915 Accuracy: 0.673229 F1 Score: 0.373082
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946081 Accuracy: 0.673112 F1 Score: 0.372903
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945391 Accuracy: 0.673457 F1 Score: 0.373187
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945398 Accuracy: 0.673472 F1 Score: 0.373121
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945085 Accuracy: 0.673618 F1 Score: 0.373093
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945371 Accuracy: 0.673633 F1 Score: 0.373315
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945393 Accuracy: 0.673516 F1 Score: 0.373211
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945364 Accuracy: 0.673465 F1 Score: 0.373180
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945992 Accuracy: 0.673284 F1 Score: 0.373016
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945465 Accuracy: 0.673429 F1 Score: 0.373084
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944989 Accuracy: 0.673640 F1 Score: 0.373212
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944490 Accuracy: 0.673720 F1 Score: 0.373144
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944736 Accuracy: 0.673734 F1 Score: 0.373174
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944925 Accuracy: 0.673618 F1 Score: 0.373104
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945120 Accuracy: 0.673568 F1 Score: 0.373020
```

```
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945687 Accuracy: 0.673322 F1 Score: 0.372954
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946070 Accuracy: 0.673337 F1 Score: 0.372857
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945936 Accuracy: 0.673416 F1 Score: 0.372905
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946620 Accuracy: 0.673237 F1 Score: 0.372723
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946326 Accuracy: 0.673251 F1 Score: 0.372658
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946003 Accuracy: 0.673331 F1 Score: 0.372612
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945844 Accuracy: 0.673345 F1 Score: 0.372568
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945939 Accuracy: 0.673295 F1 Score: 0.372465
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945848 Accuracy: 0.673181 F1 Score: 0.372397
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945941 Accuracy: 0.673067 F1 Score: 0.372276
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945706 Accuracy: 0.673211 F1 Score: 0.372269
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945426 Accuracy: 0.673290 F1 Score: 0.372244
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946221 Accuracy: 0.673240 F1 Score: 0.372121
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945970 Accuracy: 0.673319 F1 Score: 0.372264
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946213 Accuracy: 0.673141 F1 Score: 0.372084
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946437 Accuracy: 0.673028 F1 Score: 0.371923
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946942 Accuracy: 0.672915 F1 Score: 0.372011
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.947049 Accuracy: 0.672738 F1 Score: 0.371892
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946738 Accuracy: 0.672880 F1 Score: 0.372000
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946610 Accuracy: 0.672768 F1 Score: 0.371993
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946572 Accuracy: 0.672847 F1 Score: 0.372042
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946412 Accuracy: 0.672862 F1 Score: 0.371938
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945992 Accuracy: 0.672876 F1 Score: 0.371969
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945899 Accuracy: 0.672764 F1 Score: 0.371922
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.946068 Accuracy: 0.672589 F1 Score: 0.371970
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945566 Accuracy: 0.672731 F1 Score: 0.372004
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945918 Accuracy: 0.672682 F1 Score: 0.371903
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945467 Accuracy: 0.672824 F1 Score: 0.371897
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945520 Accuracy: 0.672712 F1 Score: 0.371779
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945232 Accuracy: 0.672664 F1 Score: 0.371863
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945234 Accuracy: 0.672616 F1 Score: 0.372125
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945297 Accuracy: 0.672568 F1 Score: 0.372156
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945686 Accuracy: 0.672646 F1 Score: 0.372112
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945476 Accuracy: 0.672850 F1 Score: 0.372124
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945573 Accuracy: 0.672864 F1 Score: 0.372153
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945685 Accuracy: 0.672879 F1 Score: 0.372222
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945359 Accuracy: 0.672956 F1 Score: 0.372270
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.945039 Accuracy: 0.672971 F1 Score: 0.372372
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944884 Accuracy: 0.672985 F1 Score: 0.372512
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944563 Accuracy: 0.673000 F1 Score: 0.372450
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944691 Accuracy: 0.673077 F1 Score: 0.372497
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944703 Accuracy: 0.673091 F1 Score: 0.372506
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944807 Accuracy: 0.673043 F1 Score: 0.372537
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944654 Accuracy: 0.673182 F1 Score: 0.372531
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944555 Accuracy: 0.673134 F1 Score: 0.372542
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944240 Accuracy: 0.673211 F1 Score: 0.372478
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.944159 Accuracy: 0.673225 F1 Score: 0.372527
```

```
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943977 Accuracy: 0.673239 F1 Score: 0.372575
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943555 Accuracy: 0.673439 F1 Score: 0.372677
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943508 Accuracy: 0.673453 F1 Score: 0.372777
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.943268 Accuracy: 0.673591 F1 Score: 0.372770
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942872 Accuracy: 0.673604 F1 Score: 0.372779
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942398 Accuracy: 0.673803 F1 Score: 0.372790
Epoch: 1/3... Step: 1900... Loss: 1.343719... Val Loss: 0.942478 Accuracy: 0.673817 F1 Score: 0.372799
1900 steps in epoch 1

Epoch: 1, Average Accuracy: 0.67381657, Average f1: 0.37279897
```

`<Figure size 432x288 with 0 Axes>`

Confusion matrix, without normalization

Confusion matrix, with normalization

```
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.830044 Accuracy: 0.562500 F1 Score: 0.240000
```

```
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.689893 Accuracy: 0.687500 F1 Score: 0.271605
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.787515 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.734757 Accuracy: 0.671875 F1 Score: 0.267913
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718518 Accuracy: 0.700000 F1 Score: 0.334238
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.732028 Accuracy: 0.697917 F1 Score: 0.361426
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.733655 Accuracy: 0.696429 F1 Score: 0.350833
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.750082 Accuracy: 0.687500 F1 Score: 0.333932
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.752180 Accuracy: 0.680556 F1 Score: 0.332400
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.756732 Accuracy: 0.681250 F1 Score: 0.324738
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.760818 Accuracy: 0.681818 F1 Score: 0.320688
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.742232 Accuracy: 0.687500 F1 Score: 0.322115
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.740634 Accuracy: 0.692308 F1 Score: 0.318008
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.734722 Accuracy: 0.691964 F1 Score: 0.315011
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.745761 Accuracy: 0.683333 F1 Score: 0.308095
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.738420 Accuracy: 0.683594 F1 Score: 0.308197
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.739802 Accuracy: 0.676471 F1 Score: 0.302625
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.737528 Accuracy: 0.677083 F1 Score: 0.302803
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.768536 Accuracy: 0.661184 F1 Score: 0.295811
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.775097 Accuracy: 0.662500 F1 Score: 0.294137
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.772385 Accuracy: 0.666667 F1 Score: 0.294556
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.783223 Accuracy: 0.659091 F1 Score: 0.291034
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.766290 Accuracy: 0.668478 F1 Score: 0.293333
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.770625 Accuracy: 0.666667 F1 Score: 0.291405
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.758181 Accuracy: 0.675000 F1 Score: 0.303787
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.749126 Accuracy: 0.680288 F1 Score: 0.303843
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.746338 Accuracy: 0.675926 F1 Score: 0.301671
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.740716 Accuracy: 0.676339 F1 Score: 0.301243
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.736637 Accuracy: 0.683190 F1 Score: 0.311611
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.734622 Accuracy: 0.685417 F1 Score: 0.310899
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731283 Accuracy: 0.685484 F1 Score: 0.309179
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726587 Accuracy: 0.685547 F1 Score: 0.308124
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731052 Accuracy: 0.681818 F1 Score: 0.305733
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.732573 Accuracy: 0.681985 F1 Score: 0.305309
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.735679 Accuracy: 0.680357 F1 Score: 0.303570
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.736310 Accuracy: 0.678819 F1 Score: 0.302364
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727944 Accuracy: 0.685811 F1 Score: 0.303629
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720479 Accuracy: 0.690789 F1 Score: 0.304416
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724270 Accuracy: 0.689103 F1 Score: 0.308050
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722767 Accuracy: 0.692187 F1 Score: 0.313600
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.717530 Accuracy: 0.695122 F1 Score: 0.314045
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.716957 Accuracy: 0.696429 F1 Score: 0.318409
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726418 Accuracy: 0.691860 F1 Score: 0.315404
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718522 Accuracy: 0.697443 F1 Score: 0.316436
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721961 Accuracy: 0.697222 F1 Score: 0.315315
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727305 Accuracy: 0.697011 F1 Score: 0.314253
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728867 Accuracy: 0.695479 F1 Score: 0.312689
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722878 Accuracy: 0.699219 F1 Score: 0.318671
```

```
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724073 Accuracy: 0.698980 F1 Score: 0.317771
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726029 Accuracy: 0.697500 F1 Score: 0.316196
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.733146 Accuracy: 0.692402 F1 Score: 0.313564
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.735992 Accuracy: 0.691106 F1 Score: 0.312314
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729265 Accuracy: 0.695755 F1 Score: 0.318186
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725028 Accuracy: 0.697917 F1 Score: 0.318110
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728140 Accuracy: 0.696591 F1 Score: 0.316823
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725498 Accuracy: 0.698661 F1 Score: 0.321425
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724037 Accuracy: 0.700658 F1 Score: 0.321121
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723919 Accuracy: 0.699353 F1 Score: 0.320012
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730561 Accuracy: 0.695975 F1 Score: 0.318132
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729156 Accuracy: 0.695833 F1 Score: 0.317431
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726370 Accuracy: 0.698770 F1 Score: 0.317676
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724679 Accuracy: 0.699597 F1 Score: 0.317301
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726983 Accuracy: 0.698413 F1 Score: 0.315909
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729828 Accuracy: 0.694336 F1 Score: 0.313841
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727015 Accuracy: 0.696154 F1 Score: 0.314093
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723487 Accuracy: 0.699811 F1 Score: 0.314767
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725593 Accuracy: 0.699627 F1 Score: 0.321376
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724693 Accuracy: 0.700368 F1 Score: 0.321161
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726921 Accuracy: 0.699275 F1 Score: 0.320088
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726802 Accuracy: 0.700000 F1 Score: 0.319890
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728825 Accuracy: 0.699824 F1 Score: 0.319125
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727454 Accuracy: 0.702257 F1 Score: 0.319299
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728953 Accuracy: 0.702911 F1 Score: 0.318817
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726595 Accuracy: 0.703547 F1 Score: 0.318627
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724720 Accuracy: 0.705000 F1 Score: 0.318824
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724784 Accuracy: 0.704770 F1 Score: 0.321510
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727680 Accuracy: 0.702922 F1 Score: 0.329571
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726170 Accuracy: 0.703526 F1 Score: 0.329018
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724513 Accuracy: 0.704114 F1 Score: 0.328612
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723743 Accuracy: 0.704688 F1 Score: 0.328214
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722877 Accuracy: 0.705247 F1 Score: 0.327822
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721218 Accuracy: 0.706555 F1 Score: 0.327683
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721269 Accuracy: 0.707078 F1 Score: 0.327302
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719995 Accuracy: 0.708333 F1 Score: 0.327050
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718363 Accuracy: 0.709559 F1 Score: 0.326918
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718765 Accuracy: 0.709302 F1 Score: 0.326319
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720970 Accuracy: 0.708333 F1 Score: 0.325396
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721651 Accuracy: 0.707386 F1 Score: 0.324708
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719866 Accuracy: 0.708567 F1 Score: 0.324812
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719536 Accuracy: 0.708333 F1 Score: 0.324259
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721494 Accuracy: 0.707418 F1 Score: 0.323503
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719801 Accuracy: 0.708560 F1 Score: 0.323505
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719069 Accuracy: 0.709005 F1 Score: 0.326007
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.716710 Accuracy: 0.710106 F1 Score: 0.325995
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718052 Accuracy: 0.709868 F1 Score: 0.325459
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718032 Accuracy: 0.709868 F1 Score: 0.323439
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718537 Accuracy: 0.708333 F1 Score: 0.324420
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720005 Accuracy: 0.707474 F1 Score: 0.326174
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718501 Accuracy: 0.707908 F1 Score: 0.330847
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.716011 Accuracy: 0.709596 F1 Score: 0.331017
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.716554 Accuracy: 0.709375 F1 Score: 0.332910
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720461 Accuracy: 0.707302 F1 Score: 0.331396
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720960 Accuracy: 0.706495 F1 Score: 0.333264
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721014 Accuracy: 0.707524 F1 Score: 0.333103
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719554 Accuracy: 0.708534 F1 Score: 0.335233
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718450 Accuracy: 0.708929 F1 Score: 0.334871
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718455 Accuracy: 0.709906 F1 Score: 0.336924
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721442 Accuracy: 0.707944 F1 Score: 0.337577
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720915 Accuracy: 0.708912 F1 Score: 0.337265
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722145 Accuracy: 0.708716 F1 Score: 0.338677
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723908 Accuracy: 0.707955 F1 Score: 0.337958
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725207 Accuracy: 0.706644 F1 Score: 0.336685
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724916 Accuracy: 0.707031 F1 Score: 0.336348
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724231 Accuracy: 0.707412 F1 Score: 0.338130
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723438 Accuracy: 0.707785 F1 Score: 0.337919
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721774 Accuracy: 0.708696 F1 Score: 0.338012
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720654 Accuracy: 0.709052 F1 Score: 0.337803
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720822 Accuracy: 0.708868 F1 Score: 0.337300
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720368 Accuracy: 0.708686 F1 Score: 0.336551
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721289 Accuracy: 0.707458 F1 Score: 0.335742
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718632 Accuracy: 0.709375 F1 Score: 0.336033
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719212 Accuracy: 0.709711 F1 Score: 0.335840
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.718171 Accuracy: 0.710041 F1 Score: 0.335526
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719957 Accuracy: 0.710366 F1 Score: 0.335097
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721038 Accuracy: 0.709677 F1 Score: 0.334367
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721779 Accuracy: 0.709000 F1 Score: 0.337613
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725355 Accuracy: 0.706845 F1 Score: 0.336291
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724649 Accuracy: 0.707677 F1 Score: 0.336260
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725993 Accuracy: 0.706543 F1 Score: 0.335503
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727467 Accuracy: 0.705911 F1 Score: 0.334800
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729410 Accuracy: 0.703846 F1 Score: 0.333554
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727598 Accuracy: 0.704198 F1 Score: 0.333497
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728523 Accuracy: 0.703598 F1 Score: 0.332934
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727479 Accuracy: 0.703947 F1 Score: 0.332883
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728731 Accuracy: 0.702892 F1 Score: 0.331874
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727828 Accuracy: 0.703704 F1 Score: 0.331969
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727383 Accuracy: 0.703125 F1 Score: 0.333149
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727491 Accuracy: 0.702555 F1 Score: 0.332506
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725284 Accuracy: 0.703351 F1 Score: 0.332392
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723651 Accuracy: 0.704137 F1 Score: 0.334053
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722404 Accuracy: 0.705357 F1 Score: 0.334174
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721934 Accuracy: 0.705674 F1 Score: 0.334021
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724183 Accuracy: 0.703785 F1 Score: 0.333085
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724182 Accuracy: 0.703785 F1 Score: 0.332885
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723948 Accuracy: 0.704108 F1 Score: 0.332432
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723534 Accuracy: 0.704427 F1 Score: 0.332190
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721949 Accuracy: 0.706034 F1 Score: 0.332441
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721512 Accuracy: 0.706336 F1 Score: 0.332200
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720697 Accuracy: 0.706207 F1 Score: 0.332028
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721908 Accuracy: 0.705659 F1 Score: 0.331536
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720551 Accuracy: 0.706376 F1 Score: 0.331525
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719902 Accuracy: 0.706667 F1 Score: 0.331195
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719104 Accuracy: 0.707368 F1 Score: 0.331185
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720187 Accuracy: 0.706414 F1 Score: 0.330680
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719845 Accuracy: 0.706291 F1 Score: 0.330333
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.719742 Accuracy: 0.706981 F1 Score: 0.330138
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720633 Accuracy: 0.706855 F1 Score: 0.331241
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720237 Accuracy: 0.707131 F1 Score: 0.331017
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721446 Accuracy: 0.707006 F1 Score: 0.330493
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720468 Accuracy: 0.707674 F1 Score: 0.331887
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723351 Accuracy: 0.705975 F1 Score: 0.330988
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722837 Accuracy: 0.706250 F1 Score: 0.330957
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721913 Accuracy: 0.706910 F1 Score: 0.330858
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.720999 Accuracy: 0.706790 F1 Score: 0.330622
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721370 Accuracy: 0.706288 F1 Score: 0.330184
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721465 Accuracy: 0.706555 F1 Score: 0.329798
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722093 Accuracy: 0.705682 F1 Score: 0.329085
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.721434 Accuracy: 0.705949 F1 Score: 0.328973
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723131 Accuracy: 0.704716 F1 Score: 0.328081
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724652 Accuracy: 0.704241 F1 Score: 0.327507
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725816 Accuracy: 0.703033 F1 Score: 0.326806
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724452 Accuracy: 0.703309 F1 Score: 0.326707
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723528 Accuracy: 0.703582 F1 Score: 0.326608
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724004 Accuracy: 0.702762 F1 Score: 0.325874
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724506 Accuracy: 0.701951 F1 Score: 0.325542
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723744 Accuracy: 0.702586 F1 Score: 0.325554
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726214 Accuracy: 0.701429 F1 Score: 0.324737
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726244 Accuracy: 0.701349 F1 Score: 0.324470
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726136 Accuracy: 0.701977 F1 Score: 0.324410
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725710 Accuracy: 0.702247 F1 Score: 0.324399
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727399 Accuracy: 0.701466 F1 Score: 0.323712
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728551 Accuracy: 0.701042 F1 Score: 0.323138
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727382 Accuracy: 0.702003 F1 Score: 0.324568
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727658 Accuracy: 0.701923 F1 Score: 0.324385
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727183 Accuracy: 0.701844 F1 Score: 0.324130
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728441 Accuracy: 0.701087 F1 Score: 0.323537
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728829 Accuracy: 0.700676 F1 Score: 0.323192
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729431 Accuracy: 0.700269 F1 Score: 0.325233
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729800 Accuracy: 0.700201 F1 Score: 0.325057
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729440 Accuracy: 0.700133 F1 Score: 0.324809
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730679 Accuracy: 0.700397 F1 Score: 0.324585
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730236 Accuracy: 0.701316 F1 Score: 0.324625
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729896 Accuracy: 0.701571 F1 Score: 0.324548
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729414 Accuracy: 0.701823 F1 Score: 0.324399
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728825 Accuracy: 0.702073 F1 Score: 0.325540
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728317 Accuracy: 0.702320 F1 Score: 0.325461
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728627 Accuracy: 0.702244 F1 Score: 0.325146
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728089 Accuracy: 0.702168 F1 Score: 0.324907
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729091 Accuracy: 0.701459 F1 Score: 0.324347
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729254 Accuracy: 0.701389 F1 Score: 0.324114
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727892 Accuracy: 0.702261 F1 Score: 0.325471
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729987 Accuracy: 0.701250 F1 Score: 0.324756
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731153 Accuracy: 0.700560 F1 Score: 0.324279
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730566 Accuracy: 0.700804 F1 Score: 0.324140
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729817 Accuracy: 0.701355 F1 Score: 0.324158
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729530 Accuracy: 0.700980 F1 Score: 0.323845
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728871 Accuracy: 0.701524 F1 Score: 0.323863
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729272 Accuracy: 0.701153 F1 Score: 0.323421
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728071 Accuracy: 0.701993 F1 Score: 0.323591
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728052 Accuracy: 0.701923 F1 Score: 0.323438
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728072 Accuracy: 0.701854 F1 Score: 0.323220
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729254 Accuracy: 0.700893 F1 Score: 0.322492
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729445 Accuracy: 0.700533 F1 Score: 0.322261
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730117 Accuracy: 0.699882 F1 Score: 0.321695
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729723 Accuracy: 0.699824 F1 Score: 0.321490
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730126 Accuracy: 0.699766 F1 Score: 0.321225
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729000 Accuracy: 0.700581 F1 Score: 0.322364
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727341 Accuracy: 0.701968 F1 Score: 0.322692
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728662 Accuracy: 0.701613 F1 Score: 0.322218
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729416 Accuracy: 0.700688 F1 Score: 0.321835
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730155 Accuracy: 0.699772 F1 Score: 0.321333
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729993 Accuracy: 0.700284 F1 Score: 0.321356
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730785 Accuracy: 0.699378 F1 Score: 0.321864
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731267 Accuracy: 0.699324 F1 Score: 0.321607
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731938 Accuracy: 0.698711 F1 Score: 0.321316
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.732026 Accuracy: 0.698661 F1 Score: 0.321003
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.732022 Accuracy: 0.698889 F1 Score: 0.320891
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731389 Accuracy: 0.699392 F1 Score: 0.321952
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730758 Accuracy: 0.699890 F1 Score: 0.321854
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730470 Accuracy: 0.700110 F1 Score: 0.321739
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731152 Accuracy: 0.699509 F1 Score: 0.321397
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731004 Accuracy: 0.699728 F1 Score: 0.321345
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730499 Accuracy: 0.699405 F1 Score: 0.321142
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730849 Accuracy: 0.699623 F1 Score: 0.321986
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.731192 Accuracy: 0.699303 F1 Score: 0.321665
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730577 Accuracy: 0.699519 F1 Score: 0.321610
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730435 Accuracy: 0.699468 F1 Score: 0.321369
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729017 Accuracy: 0.700212 F1 Score: 0.321520
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728998 Accuracy: 0.700422 F1 Score: 0.321465
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728467 Accuracy: 0.700630 F1 Score: 0.321411
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727597 Accuracy: 0.701098 F1 Score: 0.322426
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726328 Accuracy: 0.701562 F1 Score: 0.322443
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726213 Accuracy: 0.701504 F1 Score: 0.322258
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724894 Accuracy: 0.702221 F1 Score: 0.323388
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725155 Accuracy: 0.702160 F1 Score: 0.323200
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724624 Accuracy: 0.702357 F1 Score: 0.323086
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724070 Accuracy: 0.702296 F1 Score: 0.322958
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723294 Accuracy: 0.702744 F1 Score: 0.323030
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723412 Accuracy: 0.702682 F1 Score: 0.323794
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723911 Accuracy: 0.702369 F1 Score: 0.323426
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724002 Accuracy: 0.702058 F1 Score: 0.323224
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722803 Accuracy: 0.702750 F1 Score: 0.324324
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723581 Accuracy: 0.702440 F1 Score: 0.324011
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723980 Accuracy: 0.702629 F1 Score: 0.324733
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724357 Accuracy: 0.702322 F1 Score: 0.324533
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723809 Accuracy: 0.702756 F1 Score: 0.325537
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723632 Accuracy: 0.702941 F1 Score: 0.325477
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723696 Accuracy: 0.702637 F1 Score: 0.325221
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724414 Accuracy: 0.702091 F1 Score: 0.324786
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723879 Accuracy: 0.702277 F1 Score: 0.324673
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722921 Accuracy: 0.702944 F1 Score: 0.324752
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.722762 Accuracy: 0.702885 F1 Score: 0.324462
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723298 Accuracy: 0.702586 F1 Score: 0.324161
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723752 Accuracy: 0.702767 F1 Score: 0.324104
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724043 Accuracy: 0.702471 F1 Score: 0.323861
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724740 Accuracy: 0.702178 F1 Score: 0.323672
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724977 Accuracy: 0.702123 F1 Score: 0.324346
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725541 Accuracy: 0.701833 F1 Score: 0.324105
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725609 Accuracy: 0.701779 F1 Score: 0.323985
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724916 Accuracy: 0.702192 F1 Score: 0.323944
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725139 Accuracy: 0.702370 F1 Score: 0.323837
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725728 Accuracy: 0.702083 F1 Score: 0.324432
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726921 Accuracy: 0.701568 F1 Score: 0.324935
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726825 Accuracy: 0.701517 F1 Score: 0.324813
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726371 Accuracy: 0.701694 F1 Score: 0.324655
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726928 Accuracy: 0.700958 F1 Score: 0.324237
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726502 Accuracy: 0.700909 F1 Score: 0.324068
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725781 Accuracy: 0.701087 F1 Score: 0.324066
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726051 Accuracy: 0.701038 F1 Score: 0.324631
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726326 Accuracy: 0.700989 F1 Score: 0.324511
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726366 Accuracy: 0.700941 F1 Score: 0.325150
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725790 Accuracy: 0.701116 F1 Score: 0.325045
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726589 Accuracy: 0.701068 F1 Score: 0.324827
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725916 Accuracy: 0.701241 F1 Score: 0.324724
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725443 Accuracy: 0.701634 F1 Score: 0.324686
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725187 Accuracy: 0.701805 F1 Score: 0.325472
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724046 Accuracy: 0.702412 F1 Score: 0.325593
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724372 Accuracy: 0.701705 F1 Score: 0.325286
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724817 Accuracy: 0.701220 F1 Score: 0.324945
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725258 Accuracy: 0.700738 F1 Score: 0.324510
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725037 Accuracy: 0.701125 F1 Score: 0.324473
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725401 Accuracy: 0.700862 F1 Score: 0.324202
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725340 Accuracy: 0.701246 F1 Score: 0.324118
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725398 Accuracy: 0.701199 F1 Score: 0.323912
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725309 Accuracy: 0.701365 F1 Score: 0.324629
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725714 Accuracy: 0.700680 F1 Score: 0.324286
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727188 Accuracy: 0.699788 F1 Score: 0.323746
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727695 Accuracy: 0.699535 F1 Score: 0.324283
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727532 Accuracy: 0.699495 F1 Score: 0.324174
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726970 Accuracy: 0.699455 F1 Score: 0.324066
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725933 Accuracy: 0.699833 F1 Score: 0.324870
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725123 Accuracy: 0.700417 F1 Score: 0.325662
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725474 Accuracy: 0.699751 F1 Score: 0.325230
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724821 Accuracy: 0.700331 F1 Score: 0.325300
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725506 Accuracy: 0.700083 F1 Score: 0.325039
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725783 Accuracy: 0.700041 F1 Score: 0.324884
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725747 Accuracy: 0.700000 F1 Score: 0.324686
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725387 Accuracy: 0.700163 F1 Score: 0.324682
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725438 Accuracy: 0.700326 F1 Score: 0.324588
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725431 Accuracy: 0.700487 F1 Score: 0.324451
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724161 Accuracy: 0.701254 F1 Score: 0.324622
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724070 Accuracy: 0.701008 F1 Score: 0.324412
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724208 Accuracy: 0.700965 F1 Score: 0.325003
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723710 Accuracy: 0.701122 F1 Score: 0.324910
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724241 Accuracy: 0.700479 F1 Score: 0.324541
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724658 Accuracy: 0.700040 F1 Score: 0.324275
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726074 Accuracy: 0.699405 F1 Score: 0.323869
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726746 Accuracy: 0.699169 F1 Score: 0.324250
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727304 Accuracy: 0.698738 F1 Score: 0.323906
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726823 Accuracy: 0.698899 F1 Score: 0.323860
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726992 Accuracy: 0.698864 F1 Score: 0.324373
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726488 Accuracy: 0.699219 F1 Score: 0.324342
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727317 Accuracy: 0.698988 F1 Score: 0.324100
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727855 Accuracy: 0.698564 F1 Score: 0.323885
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728328 Accuracy: 0.698336 F1 Score: 0.324291
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728345 Accuracy: 0.698495 F1 Score: 0.324246
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728886 Accuracy: 0.698077 F1 Score: 0.323911
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728528 Accuracy: 0.698236 F1 Score: 0.323786
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728816 Accuracy: 0.698203 F1 Score: 0.323607
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728764 Accuracy: 0.698171 F1 Score: 0.323429
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728462 Accuracy: 0.698328 F1 Score: 0.323386
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727325 Accuracy: 0.699242 F1 Score: 0.324303
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727116 Accuracy: 0.699396 F1 Score: 0.324296
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726772 Accuracy: 0.699736 F1 Score: 0.324267
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726470 Accuracy: 0.699700 F1 Score: 0.324089
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725908 Accuracy: 0.700037 F1 Score: 0.324138
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726087 Accuracy: 0.699627 F1 Score: 0.323928
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726095 Accuracy: 0.699219 F1 Score: 0.323567
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726375 Accuracy: 0.699184 F1 Score: 0.323431
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726826 Accuracy: 0.698964 F1 Score: 0.323167
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727462 Accuracy: 0.698562 F1 Score: 0.322777
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727751 Accuracy: 0.698346 F1 Score: 0.322554
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726844 Accuracy: 0.698864 F1 Score: 0.322657
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726689 Accuracy: 0.698830 F1 Score: 0.322599
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726724 Accuracy: 0.698797 F1 Score: 0.322468
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726821 Accuracy: 0.698765 F1 Score: 0.322301
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726964 Accuracy: 0.698732 F1 Score: 0.322822
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726689 Accuracy: 0.699061 F1 Score: 0.322871
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726838 Accuracy: 0.698847 F1 Score: 0.322615
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726773 Accuracy: 0.698815 F1 Score: 0.323129
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726289 Accuracy: 0.699319 F1 Score: 0.323192
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726660 Accuracy: 0.698929 F1 Score: 0.322850
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727031 Accuracy: 0.698540 F1 Score: 0.323240
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727404 Accuracy: 0.698331 F1 Score: 0.323024
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727868 Accuracy: 0.697946 F1 Score: 0.322722
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728230 Accuracy: 0.697564 F1 Score: 0.322492
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728554 Accuracy: 0.697183 F1 Score: 0.322263
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727851 Accuracy: 0.697507 F1 Score: 0.322276
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727870 Accuracy: 0.697479 F1 Score: 0.322083
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728298 Accuracy: 0.697451 F1 Score: 0.321926
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728125 Accuracy: 0.697597 F1 Score: 0.321854
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727884 Accuracy: 0.697917 F1 Score: 0.321834
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728019 Accuracy: 0.698061 F1 Score: 0.321796
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727293 Accuracy: 0.698377 F1 Score: 0.321842
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728065 Accuracy: 0.697831 F1 Score: 0.321469
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728486 Accuracy: 0.697802 F1 Score: 0.321931
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728259 Accuracy: 0.697774 F1 Score: 0.323059
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727794 Accuracy: 0.698087 F1 Score: 0.323071
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727341 Accuracy: 0.698399 F1 Score: 0.323719
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726621 Accuracy: 0.698879 F1 Score: 0.323814
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725766 Accuracy: 0.699187 F1 Score: 0.323755
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726481 Accuracy: 0.698818 F1 Score: 0.323498
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726783 Accuracy: 0.698450 F1 Score: 0.323244
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726249 Accuracy: 0.698757 F1 Score: 0.323221
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727352 Accuracy: 0.698224 F1 Score: 0.322886
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728113 Accuracy: 0.698028 F1 Score: 0.322684
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729657 Accuracy: 0.697000 F1 Score: 0.322141
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729151 Accuracy: 0.696975 F1 Score: 0.322675
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729151 Accuracy: 0.696973 F1 Score: 0.322675
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728605 Accuracy: 0.697115 F1 Score: 0.322640
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728857 Accuracy: 0.696594 F1 Score: 0.322312
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728427 Accuracy: 0.697065 F1 Score: 0.323019
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728351 Accuracy: 0.697039 F1 Score: 0.324117
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728434 Accuracy: 0.697014 F1 Score: 0.323998
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728516 Accuracy: 0.696990 F1 Score: 0.323845
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728572 Accuracy: 0.696965 F1 Score: 0.323728
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728437 Accuracy: 0.696940 F1 Score: 0.323645
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727917 Accuracy: 0.697240 F1 Score: 0.324256
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727139 Accuracy: 0.697863 F1 Score: 0.324395
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727401 Accuracy: 0.697351 F1 Score: 0.324034
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726961 Accuracy: 0.697487 F1 Score: 0.323998
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727008 Accuracy: 0.697622 F1 Score: 0.323928
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727210 Accuracy: 0.697436 F1 Score: 0.323766
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727761 Accuracy: 0.697251 F1 Score: 0.323537
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727802 Accuracy: 0.697066 F1 Score: 0.323243
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728135 Accuracy: 0.696883 F1 Score: 0.323050
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727350 Accuracy: 0.697335 F1 Score: 0.323730
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726951 Accuracy: 0.697468 F1 Score: 0.324864
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727234 Accuracy: 0.697443 F1 Score: 0.324683
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727606 Accuracy: 0.696946 F1 Score: 0.324975
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726978 Accuracy: 0.697236 F1 Score: 0.325593
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726559 Accuracy: 0.697525 F1 Score: 0.325602
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726386 Accuracy: 0.697656 F1 Score: 0.325531
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727600 Accuracy: 0.697163 F1 Score: 0.325180
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727936 Accuracy: 0.696984 F1 Score: 0.325589
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727261 Accuracy: 0.697426 F1 Score: 0.325676
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727580 Accuracy: 0.697401 F1 Score: 0.326063
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727213 Accuracy: 0.697685 F1 Score: 0.326039
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727662 Accuracy: 0.697660 F1 Score: 0.325923
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727387 Accuracy: 0.697942 F1 Score: 0.326492
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727439 Accuracy: 0.697763 F1 Score: 0.326331
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727869 Accuracy: 0.697586 F1 Score: 0.326106
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728041 Accuracy: 0.697713 F1 Score: 0.326560
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727439 Accuracy: 0.697993 F1 Score: 0.326567
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727546 Accuracy: 0.697967 F1 Score: 0.327004
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727088 Accuracy: 0.698245 F1 Score: 0.327043
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726799 Accuracy: 0.698521 F1 Score: 0.327050
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726759 Accuracy: 0.698494 F1 Score: 0.326902
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726724 Accuracy: 0.698317 F1 Score: 0.326743
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726562 Accuracy: 0.698591 F1 Score: 0.327296
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726931 Accuracy: 0.698266 F1 Score: 0.327028
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726681 Accuracy: 0.698389 F1 Score: 0.326926
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726547 Accuracy: 0.698065 F1 Score: 0.326692
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726356 Accuracy: 0.698189 F1 Score: 0.326655
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726776 Accuracy: 0.698015 F1 Score: 0.326531
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726961 Accuracy: 0.697991 F1 Score: 0.326925
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726950 Accuracy: 0.697966 F1 Score: 0.326781
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727888 Accuracy: 0.697500 F1 Score: 0.327040
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727917 Accuracy: 0.697330 F1 Score: 0.326886
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727710 Accuracy: 0.697160 F1 Score: 0.326699
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727356 Accuracy: 0.697138 F1 Score: 0.326557
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727475 Accuracy: 0.697115 F1 Score: 0.326448
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727666 Accuracy: 0.697093 F1 Score: 0.326370
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727060 Accuracy: 0.697361 F1 Score: 0.326315
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726882 Accuracy: 0.697193 F1 Score: 0.326164
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726223 Accuracy: 0.697604 F1 Score: 0.326214
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726883 Accuracy: 0.697149 F1 Score: 0.325948
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726607 Accuracy: 0.697270 F1 Score: 0.325852
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726225 Accuracy: 0.697678 F1 Score: 0.326943
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726129 Accuracy: 0.697941 F1 Score: 0.327480
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726234 Accuracy: 0.697917 F1 Score: 0.327824
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725695 Accuracy: 0.698320 F1 Score: 0.327872
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725319 Accuracy: 0.698295 F1 Score: 0.327762
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726151 Accuracy: 0.697988 F1 Score: 0.327476
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726434 Accuracy: 0.697822 F1 Score: 0.327234
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726193 Accuracy: 0.698081 F1 Score: 0.327240
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726364 Accuracy: 0.697917 F1 Score: 0.327091
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726263 Accuracy: 0.698034 F1 Score: 0.327502
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725797 Accuracy: 0.698430 F1 Score: 0.328101
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725513 Accuracy: 0.698686 F1 Score: 0.328076
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725317 Accuracy: 0.698521 F1 Score: 0.327956
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724837 Accuracy: 0.698914 F1 Score: 0.328518
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724953 Accuracy: 0.698889 F1 Score: 0.328380
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725285 Accuracy: 0.698586 F1 Score: 0.328670
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726110 Accuracy: 0.698147 F1 Score: 0.328406
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725984 Accuracy: 0.698400 F1 Score: 0.328381
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725892 Accuracy: 0.698513 F1 Score: 0.328315
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726372 Accuracy: 0.698626 F1 Score: 0.328221
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725920 Accuracy: 0.698876 F1 Score: 0.328253
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726310 Accuracy: 0.698441 F1 Score: 0.327965
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726647 Accuracy: 0.698008 F1 Score: 0.327734
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726504 Accuracy: 0.697985 F1 Score: 0.327656
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726911 Accuracy: 0.697690 F1 Score: 0.327440
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727213 Accuracy: 0.697533 F1 Score: 0.327239
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727774 Accuracy: 0.697105 F1 Score: 0.327503
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727900 Accuracy: 0.696949 F1 Score: 0.327358
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727681 Accuracy: 0.697064 F1 Score: 0.327323
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727245 Accuracy: 0.697446 F1 Score: 0.327370
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727260 Accuracy: 0.697291 F1 Score: 0.327198
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727568 Accuracy: 0.697404 F1 Score: 0.327108
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727507 Accuracy: 0.697650 F1 Score: 0.327571
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727109 Accuracy: 0.697894 F1 Score: 0.327577
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727043 Accuracy: 0.698005 F1 Score: 0.327514
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726605 Accuracy: 0.698116 F1 Score: 0.327451
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726625 Accuracy: 0.697961 F1 Score: 0.327309
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726930 Accuracy: 0.697807 F1 Score: 0.327140
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727153 Accuracy: 0.697785 F1 Score: 0.327463
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726574 Accuracy: 0.698158 F1 Score: 0.328460
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726850 Accuracy: 0.698136 F1 Score: 0.328385
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726307 Accuracy: 0.698506 F1 Score: 0.328429
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726136 Accuracy: 0.698614 F1 Score: 0.328338
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726086 Accuracy: 0.698591 F1 Score: 0.328208
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726296 Accuracy: 0.698568 F1 Score: 0.328134
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725840 Accuracy: 0.698935 F1 Score: 0.329117
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725550 Accuracy: 0.699040 F1 Score: 0.329053
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725337 Accuracy: 0.699275 F1 Score: 0.329028
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725437 Accuracy: 0.699251 F1 Score: 0.328954
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725894 Accuracy: 0.699098 F1 Score: 0.328758
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726067 Accuracy: 0.698688 F1 Score: 0.328513
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725401 Accuracy: 0.699050 F1 Score: 0.328555
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725013 Accuracy: 0.699027 F1 Score: 0.328427
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724139 Accuracy: 0.699642 F1 Score: 0.328574
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725014 Accuracy: 0.699490 F1 Score: 0.328380
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725100 Accuracy: 0.699338 F1 Score: 0.328269
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724591 Accuracy: 0.699695 F1 Score: 0.328311
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724637 Accuracy: 0.699670 F1 Score: 0.328212
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724477 Accuracy: 0.699646 F1 Score: 0.328086
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724609 Accuracy: 0.699495 F1 Score: 0.327868
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724522 Accuracy: 0.699471 F1 Score: 0.327797
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723956 Accuracy: 0.699824 F1 Score: 0.327839
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723892 Accuracy: 0.699925 F1 Score: 0.327779
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724394 Accuracy: 0.699900 F1 Score: 0.327654
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723792 Accuracy: 0.700250 F1 Score: 0.327669
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723864 Accuracy: 0.700225 F1 Score: 0.327546
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723688 Accuracy: 0.700199 F1 Score: 0.327476
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724319 Accuracy: 0.699801 F1 Score: 0.327190
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724374 Accuracy: 0.699777 F1 Score: 0.327120
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724907 Accuracy: 0.699381 F1 Score: 0.326914
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725199 Accuracy: 0.698987 F1 Score: 0.326709
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725012 Accuracy: 0.698964 F1 Score: 0.326641
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725386 Accuracy: 0.698696 F1 Score: 0.326423
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725063 Accuracy: 0.698919 F1 Score: 0.326850
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724833 Accuracy: 0.698897 F1 Score: 0.327202
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725247 Accuracy: 0.698752 F1 Score: 0.327463
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725579 Accuracy: 0.698853 F1 Score: 0.327406
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725822 Accuracy: 0.698830 F1 Score: 0.328180
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725670 Accuracy: 0.698930 F1 Score: 0.328095
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725873 Accuracy: 0.699029 F1 Score: 0.328037
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725967 Accuracy: 0.699007 F1 Score: 0.327943
```

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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725739 Accuracy: 0.698985 F1 Score: 0.327875
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725093 Accuracy: 0.699445 F1 Score: 0.327977
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724855 Accuracy: 0.699422 F1 Score: 0.327857
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725078 Accuracy: 0.699399 F1 Score: 0.327738
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724644 Accuracy: 0.699736 F1 Score: 0.327778
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725088 Accuracy: 0.699473 F1 Score: 0.327588
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725345 Accuracy: 0.699211 F1 Score: 0.327374
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724920 Accuracy: 0.699427 F1 Score: 0.327404
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724919 Accuracy: 0.699405 F1 Score: 0.327287
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725128 Accuracy: 0.699263 F1 Score: 0.327110
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725704 Accuracy: 0.699241 F1 Score: 0.326969
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725237 Accuracy: 0.699574 F1 Score: 0.327009
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725638 Accuracy: 0.699197 F1 Score: 0.326763
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725167 Accuracy: 0.699410 F1 Score: 0.326744
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724769 Accuracy: 0.699623 F1 Score: 0.326749
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724399 Accuracy: 0.699836 F1 Score: 0.326753
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724396 Accuracy: 0.699812 F1 Score: 0.326688
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724246 Accuracy: 0.699789 F1 Score: 0.326599
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724384 Accuracy: 0.699766 F1 Score: 0.326510
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724312 Accuracy: 0.699743 F1 Score: 0.326421
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724598 Accuracy: 0.699604 F1 Score: 0.326274
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724595 Accuracy: 0.699582 F1 Score: 0.326186
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724472 Accuracy: 0.699559 F1 Score: 0.326122
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724715 Accuracy: 0.699537 F1 Score: 0.325986
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724916 Accuracy: 0.699284 F1 Score: 0.325831
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725090 Accuracy: 0.699262 F1 Score: 0.325768
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724804 Accuracy: 0.699471 F1 Score: 0.325726
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724795 Accuracy: 0.699678 F1 Score: 0.325731
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724554 Accuracy: 0.699885 F1 Score: 0.326571
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725223 Accuracy: 0.699519 F1 Score: 0.326805
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725350 Accuracy: 0.699612 F1 Score: 0.326751
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725565 Accuracy: 0.699589 F1 Score: 0.326709
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725215 Accuracy: 0.699909 F1 Score: 0.326770
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725255 Accuracy: 0.699659 F1 Score: 0.327056
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724900 Accuracy: 0.699864 F1 Score: 0.327082
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725326 Accuracy: 0.699502 F1 Score: 0.326913
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725270 Accuracy: 0.699480 F1 Score: 0.327263
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725542 Accuracy: 0.699233 F1 Score: 0.327039
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725464 Accuracy: 0.699324 F1 Score: 0.326986
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725637 Accuracy: 0.698966 F1 Score: 0.326773
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725233 Accuracy: 0.699057 F1 Score: 0.326764
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725541 Accuracy: 0.698813 F1 Score: 0.326565
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725489 Accuracy: 0.698792 F1 Score: 0.326501
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725217 Accuracy: 0.698884 F1 Score: 0.326471
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725361 Accuracy: 0.698864 F1 Score: 0.326385
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725389 Accuracy: 0.698843 F1 Score: 0.326299
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725371 Accuracy: 0.698823 F1 Score: 0.326257
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725435 Accuracy: 0.698803 F1 Score: 0.326172
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725240 Accuracy: 0.698894 F1 Score: 0.326121
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725190 Accuracy: 0.699095 F1 Score: 0.326125
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724840 Accuracy: 0.699295 F1 Score: 0.326129
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724719 Accuracy: 0.699384 F1 Score: 0.326511
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725126 Accuracy: 0.699143 F1 Score: 0.326316
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725340 Accuracy: 0.699013 F1 Score: 0.326607
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725349 Accuracy: 0.698993 F1 Score: 0.326522
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725678 Accuracy: 0.698973 F1 Score: 0.326416
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725621 Accuracy: 0.699062 F1 Score: 0.326409
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725378 Accuracy: 0.699042 F1 Score: 0.326281
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725089 Accuracy: 0.699239 F1 Score: 0.326264
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725076 Accuracy: 0.699219 F1 Score: 0.326159
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725048 Accuracy: 0.699198 F1 Score: 0.326472
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724997 Accuracy: 0.699178 F1 Score: 0.326346
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725430 Accuracy: 0.698834 F1 Score: 0.326081
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725248 Accuracy: 0.698815 F1 Score: 0.326040
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725582 Accuracy: 0.698795 F1 Score: 0.325895
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725633 Accuracy: 0.698883 F1 Score: 0.325867
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725442 Accuracy: 0.698971 F1 Score: 0.325817
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725841 Accuracy: 0.698737 F1 Score: 0.325650
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726466 Accuracy: 0.698504 F1 Score: 0.325483
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726351 Accuracy: 0.698592 F1 Score: 0.326250
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725837 Accuracy: 0.698786 F1 Score: 0.326233
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726363 Accuracy: 0.698661 F1 Score: 0.326508
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726189 Accuracy: 0.698748 F1 Score: 0.326459
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726787 Accuracy: 0.698411 F1 Score: 0.326259
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726499 Accuracy: 0.698604 F1 Score: 0.326243
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727187 Accuracy: 0.698269 F1 Score: 0.326044
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727135 Accuracy: 0.698250 F1 Score: 0.325984
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727077 Accuracy: 0.698232 F1 Score: 0.325903
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727361 Accuracy: 0.698004 F1 Score: 0.325779
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727410 Accuracy: 0.698091 F1 Score: 0.325752
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727472 Accuracy: 0.698178 F1 Score: 0.325724
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727403 Accuracy: 0.697952 F1 Score: 0.325601
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727331 Accuracy: 0.698038 F1 Score: 0.325553
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727561 Accuracy: 0.697917 F1 Score: 0.325422
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727119 Accuracy: 0.698003 F1 Score: 0.325764
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727026 Accuracy: 0.698090 F1 Score: 0.325717
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727044 Accuracy: 0.697968 F1 Score: 0.325586
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726764 Accuracy: 0.698055 F1 Score: 0.325519
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726216 Accuracy: 0.698347 F1 Score: 0.325555
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725915 Accuracy: 0.698432 F1 Score: 0.325528
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725784 Accuracy: 0.698414 F1 Score: 0.325836
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725361 Accuracy: 0.698705 F1 Score: 0.325891
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725095 Accuracy: 0.698789 F1 Score: 0.326207
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725040 Accuracy: 0.698873 F1 Score: 0.326180
```

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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725040 Accuracy: 0.698073 F1 Score: 0.326180
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724713 Accuracy: 0.699161 F1 Score: 0.326215
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724541 Accuracy: 0.699040 F1 Score: 0.326105
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724445 Accuracy: 0.699021 F1 Score: 0.326007
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724050 Accuracy: 0.699308 F1 Score: 0.326062
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.723764 Accuracy: 0.699390 F1 Score: 0.325994
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724231 Accuracy: 0.699168 F1 Score: 0.325835
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724491 Accuracy: 0.698947 F1 Score: 0.325676
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724592 Accuracy: 0.698928 F1 Score: 0.325579
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724327 Accuracy: 0.698910 F1 Score: 0.325483
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724214 Accuracy: 0.698891 F1 Score: 0.325367
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724370 Accuracy: 0.698772 F1 Score: 0.325260
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724631 Accuracy: 0.698553 F1 Score: 0.325500
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724726 Accuracy: 0.698535 F1 Score: 0.325424
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725311 Accuracy: 0.698117 F1 Score: 0.325534
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724857 Accuracy: 0.698400 F1 Score: 0.325568
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725519 Accuracy: 0.697883 F1 Score: 0.325341
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725406 Accuracy: 0.697967 F1 Score: 0.325334
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725801 Accuracy: 0.697751 F1 Score: 0.325179
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725457 Accuracy: 0.697834 F1 Score: 0.325135
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725269 Accuracy: 0.697917 F1 Score: 0.325090
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725034 Accuracy: 0.697999 F1 Score: 0.325026
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725019 Accuracy: 0.697983 F1 Score: 0.325303
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725466 Accuracy: 0.697769 F1 Score: 0.325169
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725201 Accuracy: 0.697950 F1 Score: 0.325155
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725189 Accuracy: 0.698031 F1 Score: 0.325091
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725048 Accuracy: 0.698211 F1 Score: 0.325445
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725244 Accuracy: 0.698293 F1 Score: 0.325381
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725766 Accuracy: 0.698178 F1 Score: 0.325981
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726586 Accuracy: 0.697868 F1 Score: 0.325741
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726761 Accuracy: 0.697852 F1 Score: 0.325667
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726510 Accuracy: 0.697835 F1 Score: 0.325593
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726297 Accuracy: 0.697917 F1 Score: 0.325568
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726046 Accuracy: 0.698095 F1 Score: 0.325934
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725939 Accuracy: 0.698078 F1 Score: 0.325898
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725877 Accuracy: 0.698159 F1 Score: 0.325854
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725712 Accuracy: 0.698336 F1 Score: 0.325858
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725619 Accuracy: 0.698319 F1 Score: 0.325803
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725790 Accuracy: 0.698302 F1 Score: 0.325692
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726026 Accuracy: 0.697997 F1 Score: 0.325494
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725818 Accuracy: 0.697981 F1 Score: 0.325421
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725820 Accuracy: 0.697965 F1 Score: 0.325330
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725668 Accuracy: 0.698140 F1 Score: 0.325316
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725845 Accuracy: 0.697837 F1 Score: 0.325156
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725753 Accuracy: 0.697726 F1 Score: 0.325055
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725878 Accuracy: 0.697710 F1 Score: 0.324984
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725676 Accuracy: 0.697790 F1 Score: 0.324941
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725336 Accuracy: 0.698050 F1 Score: 0.324992
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725226 Accuracy: 0.698059 F1 Score: 0.324993
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725404 Accuracy: 0.697853 F1 Score: 0.324846
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725163 Accuracy: 0.698027 F1 Score: 0.325224
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725306 Accuracy: 0.697917 F1 Score: 0.325124
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724979 Accuracy: 0.698185 F1 Score: 0.325157
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725218 Accuracy: 0.698168 F1 Score: 0.325086
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724900 Accuracy: 0.698247 F1 Score: 0.325044
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724771 Accuracy: 0.698230 F1 Score: 0.325345
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724771 Accuracy: 0.698308 F1 Score: 0.325283
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724573 Accuracy: 0.698480 F1 Score: 0.325990
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724626 Accuracy: 0.698463 F1 Score: 0.325918
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724476 Accuracy: 0.698540 F1 Score: 0.325894
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724896 Accuracy: 0.698337 F1 Score: 0.325766
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725297 Accuracy: 0.698134 F1 Score: 0.325639
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725621 Accuracy: 0.697839 F1 Score: 0.325466
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725464 Accuracy: 0.698010 F1 Score: 0.326146
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725131 Accuracy: 0.698273 F1 Score: 0.326197
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724792 Accuracy: 0.698535 F1 Score: 0.326228
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.724504 Accuracy: 0.698611 F1 Score: 0.326166
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725119 Accuracy: 0.698317 F1 Score: 0.325993
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725306 Accuracy: 0.698301 F1 Score: 0.325885
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.725479 Accuracy: 0.698193 F1 Score: 0.325787
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726084 Accuracy: 0.697901 F1 Score: 0.325560
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726129 Accuracy: 0.697886 F1 Score: 0.325509
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726467 Accuracy: 0.697779 F1 Score: 0.325754
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726326 Accuracy: 0.697947 F1 Score: 0.325759
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726499 Accuracy: 0.697840 F1 Score: 0.325662
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726563 Accuracy: 0.697734 F1 Score: 0.325906
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726272 Accuracy: 0.697901 F1 Score: 0.325910
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726733 Accuracy: 0.697795 F1 Score: 0.325776
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727073 Accuracy: 0.697598 F1 Score: 0.325578
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726947 Accuracy: 0.697765 F1 Score: 0.325546
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726649 Accuracy: 0.697932 F1 Score: 0.325550
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727223 Accuracy: 0.697645 F1 Score: 0.325382
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727122 Accuracy: 0.697630 F1 Score: 0.325333
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727148 Accuracy: 0.697706 F1 Score: 0.325274
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726828 Accuracy: 0.697872 F1 Score: 0.325260
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726768 Accuracy: 0.697857 F1 Score: 0.325174
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726551 Accuracy: 0.697932 F1 Score: 0.325170
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.726882 Accuracy: 0.697917 F1 Score: 0.325103
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727103 Accuracy: 0.697812 F1 Score: 0.325009
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727308 Accuracy: 0.697708 F1 Score: 0.324897
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727378 Accuracy: 0.697693 F1 Score: 0.324813
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727038 Accuracy: 0.697857 F1 Score: 0.324799
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727220 Accuracy: 0.697753 F1 Score: 0.324671
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727642 Accuracy: 0.697472 F1 Score: 0.324885
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727691 Accuracy: 0.697457 F1 Score: 0.324819
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727403 Accuracy: 0.697443 F1 Score: 0.324788
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727062 Accuracy: 0.697695 F1 Score: 0.324819
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727290 Accuracy: 0.697592 F1 Score: 0.325031
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727253 Accuracy: 0.697578 F1 Score: 0.324947
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727593 Accuracy: 0.697299 F1 Score: 0.324784
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727242 Accuracy: 0.697549 F1 Score: 0.324798
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727012 Accuracy: 0.697535 F1 Score: 0.325079
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727221 Accuracy: 0.697345 F1 Score: 0.324943
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727089 Accuracy: 0.697419 F1 Score: 0.324904
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727153 Accuracy: 0.697405 F1 Score: 0.325166
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727453 Accuracy: 0.697304 F1 Score: 0.325040
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727488 Accuracy: 0.697290 F1 Score: 0.324974
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727621 Accuracy: 0.697189 F1 Score: 0.324917
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728193 Accuracy: 0.696653 F1 Score: 0.324626
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728140 Accuracy: 0.696640 F1 Score: 0.325167
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728187 Accuracy: 0.696627 F1 Score: 0.325391
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728353 Accuracy: 0.696528 F1 Score: 0.325283
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728650 Accuracy: 0.696429 F1 Score: 0.325157
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728970 Accuracy: 0.696330 F1 Score: 0.325050
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729361 Accuracy: 0.696231 F1 Score: 0.324925
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730013 Accuracy: 0.695874 F1 Score: 0.324690
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729958 Accuracy: 0.695862 F1 Score: 0.324643
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730112 Accuracy: 0.695764 F1 Score: 0.324536
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730010 Accuracy: 0.695925 F1 Score: 0.324525
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729777 Accuracy: 0.695999 F1 Score: 0.324488
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730020 Accuracy: 0.695730 F1 Score: 0.324363
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729817 Accuracy: 0.695890 F1 Score: 0.324385
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730299 Accuracy: 0.695793 F1 Score: 0.324598
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729819 Accuracy: 0.696124 F1 Score: 0.324655
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730065 Accuracy: 0.695771 F1 Score: 0.324505
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729665 Accuracy: 0.696015 F1 Score: 0.324536
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729963 Accuracy: 0.695918 F1 Score: 0.324431
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730123 Accuracy: 0.695822 F1 Score: 0.324609
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729598 Accuracy: 0.696065 F1 Score: 0.324639
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729954 Accuracy: 0.695799 F1 Score: 0.324467
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730042 Accuracy: 0.695788 F1 Score: 0.324422
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730075 Accuracy: 0.695861 F1 Score: 0.324368
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730264 Accuracy: 0.695766 F1 Score: 0.324298
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730402 Accuracy: 0.695670 F1 Score: 0.324194
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730819 Accuracy: 0.695407 F1 Score: 0.323975
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730450 Accuracy: 0.695733 F1 Score: 0.324031
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730474 Accuracy: 0.695721 F1 Score: 0.324290
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730294 Accuracy: 0.695710 F1 Score: 0.324245
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730191 Accuracy: 0.695616 F1 Score: 0.324191
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730000 Accuracy: 0.695856 F1 Score: 0.324205
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729899 Accuracy: 0.696011 F1 Score: 0.324497
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730003 Accuracy: 0.696083 F1 Score: 0.324444
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729813 Accuracy: 0.696155 F1 Score: 0.324377
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729536 Accuracy: 0.696393 F1 Score: 0.324422
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729357 Accuracy: 0.696547 F1 Score: 0.324737
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729655 Accuracy: 0.696535 F1 Score: 0.324643
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729620 Accuracy: 0.696440 F1 Score: 0.324541
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729334 Accuracy: 0.696511 F1 Score: 0.324828
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729408 Accuracy: 0.696499 F1 Score: 0.324799
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729147 Accuracy: 0.696652 F1 Score: 0.325110
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729198 Accuracy: 0.696558 F1 Score: 0.325040
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728774 Accuracy: 0.696875 F1 Score: 0.325094
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728646 Accuracy: 0.696945 F1 Score: 0.325074
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728543 Accuracy: 0.697014 F1 Score: 0.325037
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728861 Accuracy: 0.696920 F1 Score: 0.324935
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728928 Accuracy: 0.696908 F1 Score: 0.324874
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729018 Accuracy: 0.696895 F1 Score: 0.324813
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728811 Accuracy: 0.696802 F1 Score: 0.324712
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729257 Accuracy: 0.696545 F1 Score: 0.324530
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729227 Accuracy: 0.696452 F1 Score: 0.324461
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728726 Accuracy: 0.696765 F1 Score: 0.324515
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729274 Accuracy: 0.696510 F1 Score: 0.324366
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729467 Accuracy: 0.696417 F1 Score: 0.324266
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729632 Accuracy: 0.696163 F1 Score: 0.324102
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729397 Accuracy: 0.696232 F1 Score: 0.324082
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729354 Accuracy: 0.696302 F1 Score: 0.324364
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730057 Accuracy: 0.696048 F1 Score: 0.324201
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729919 Accuracy: 0.696198 F1 Score: 0.324221
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729841 Accuracy: 0.696187 F1 Score: 0.324178
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729870 Accuracy: 0.696176 F1 Score: 0.324119
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729871 Accuracy: 0.696165 F1 Score: 0.324044
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729735 Accuracy: 0.696234 F1 Score: 0.324041
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729951 Accuracy: 0.696143 F1 Score: 0.323958
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729768 Accuracy: 0.696212 F1 Score: 0.323924
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729487 Accuracy: 0.696360 F1 Score: 0.323944
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729029 Accuracy: 0.696668 F1 Score: 0.323997
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729317 Accuracy: 0.696576 F1 Score: 0.323868
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729045 Accuracy: 0.696724 F1 Score: 0.323889
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728698 Accuracy: 0.696950 F1 Score: 0.323917
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728694 Accuracy: 0.696859 F1 Score: 0.323866
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728501 Accuracy: 0.696926 F1 Score: 0.323847
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728272 Accuracy: 0.696994 F1 Score: 0.323813
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727701 Accuracy: 0.697377 F1 Score: 0.323904
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727609 Accuracy: 0.697364 F1 Score: 0.323846
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728095 Accuracy: 0.697037 F1 Score: 0.323679
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728140 Accuracy: 0.696867 F1 Score: 0.323558
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728134 Accuracy: 0.696934 F1 Score: 0.323836
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728473 Accuracy: 0.696687 F1 Score: 0.323678
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728568 Accuracy: 0.696597 F1 Score: 0.323597
```

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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728416 Accuracy: 0.696742 F1 Score: 0.323617
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728382 Accuracy: 0.696809 F1 Score: 0.323583
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728467 Accuracy: 0.696719 F1 Score: 0.323473
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728713 Accuracy: 0.696707 F1 Score: 0.323416
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728510 Accuracy: 0.696774 F1 Score: 0.323397
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728189 Accuracy: 0.696918 F1 Score: 0.323402
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728033 Accuracy: 0.696984 F1 Score: 0.323956
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727706 Accuracy: 0.697127 F1 Score: 0.323960
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727838 Accuracy: 0.697038 F1 Score: 0.323865
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728684 Accuracy: 0.696561 F1 Score: 0.323608
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728445 Accuracy: 0.696705 F1 Score: 0.323613
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728206 Accuracy: 0.696571 F1 Score: 0.323401
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728229 Accuracy: 0.696560 F1 Score: 0.323360
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728629 Accuracy: 0.696472 F1 Score: 0.323251
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728796 Accuracy: 0.696385 F1 Score: 0.323113
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728977 Accuracy: 0.696297 F1 Score: 0.323020
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728918 Accuracy: 0.696287 F1 Score: 0.322995
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728602 Accuracy: 0.696581 F1 Score: 0.323060
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728546 Accuracy: 0.696494 F1 Score: 0.322997
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728601 Accuracy: 0.696559 F1 Score: 0.322965
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728893 Accuracy: 0.696472 F1 Score: 0.322858
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728631 Accuracy: 0.696537 F1 Score: 0.322840
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728713 Accuracy: 0.696374 F1 Score: 0.322711
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728767 Accuracy: 0.696364 F1 Score: 0.322657
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729074 Accuracy: 0.696202 F1 Score: 0.322543
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729044 Accuracy: 0.696267 F1 Score: 0.322526
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728889 Accuracy: 0.696332 F1 Score: 0.322509
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728710 Accuracy: 0.696525 F1 Score: 0.322429
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728518 Accuracy: 0.696665 F1 Score: 0.322405
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729012 Accuracy: 0.696418 F1 Score: 0.322473
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729077 Accuracy: 0.696322 F1 Score: 0.322600
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729067 Accuracy: 0.696237 F1 Score: 0.323120
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728647 Accuracy: 0.696397 F1 Score: 0.322806
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728334 Accuracy: 0.696608 F1 Score: 0.322848
```

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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728583 Accuracy: 0.696598 F1 Score: 0.322780
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728371 Accuracy: 0.696661 F1 Score: 0.323043
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728056 Accuracy: 0.696713 F1 Score: 0.323239
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728529 Accuracy: 0.696471 F1 Score: 0.323010
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728276 Accuracy: 0.696680 F1 Score: 0.323036
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728413 Accuracy: 0.696523 F1 Score: 0.322911
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728273 Accuracy: 0.696659 F1 Score: 0.322902
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728078 Accuracy: 0.696868 F1 Score: 0.322929
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727976 Accuracy: 0.696930 F1 Score: 0.322898
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728086 Accuracy: 0.696919 F1 Score: 0.322831
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728401 Accuracy: 0.696616 F1 Score: 0.322926
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728603 Accuracy: 0.696605 F1 Score: 0.322874
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728999 Accuracy: 0.696449 F1 Score: 0.322778
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729763 Accuracy: 0.696151 F1 Score: 0.323008
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729744 Accuracy: 0.696213 F1 Score: 0.322964
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729540 Accuracy: 0.696183 F1 Score: 0.323095
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729797 Accuracy: 0.696029 F1 Score: 0.322973
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729740 Accuracy: 0.696163 F1 Score: 0.322978
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729816 Accuracy: 0.696153 F1 Score: 0.322913
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729860 Accuracy: 0.696143 F1 Score: 0.322861
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729352 Accuracy: 0.696540 F1 Score: 0.322862
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729921 Accuracy: 0.696165 F1 Score: 0.322909
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730111 Accuracy: 0.696084 F1 Score: 0.322823
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730399 Accuracy: 0.695843 F1 Score: 0.322834
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730276 Accuracy: 0.695904 F1 Score: 0.322791
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730401 Accuracy: 0.695824 F1 Score: 0.322719
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730595 Accuracy: 0.695674 F1 Score: 0.322586
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```
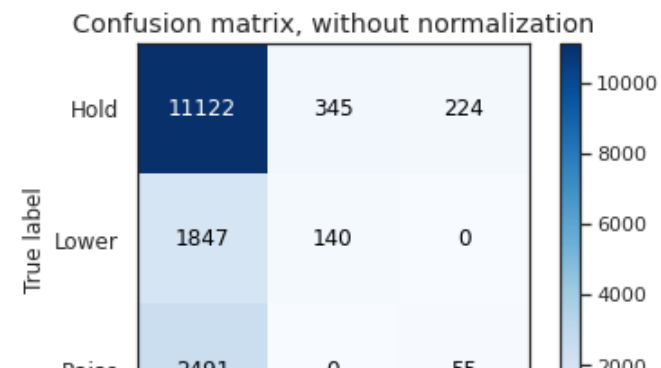
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730238 Accuracy: 0.695689 F1 Score: 0.322584
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729984 Accuracy: 0.695670 F1 Score: 0.322498
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730025 Accuracy: 0.695592 F1 Score: 0.322414
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730075 Accuracy: 0.695582 F1 Score: 0.322364
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729964 Accuracy: 0.695573 F1 Score: 0.322591
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729912 Accuracy: 0.695704 F1 Score: 0.322845
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730100 Accuracy: 0.695556 F1 Score: 0.322701
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730230 Accuracy: 0.695408 F1 Score: 0.322583
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730282 Accuracy: 0.695330 F1 Score: 0.322526
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730129 Accuracy: 0.695390 F1 Score: 0.322524
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730442 Accuracy: 0.695312 F1 Score: 0.322428
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730264 Accuracy: 0.695373 F1 Score: 0.322425
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730420 Accuracy: 0.695364 F1 Score: 0.322363
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730359 Accuracy: 0.695424 F1 Score: 0.322621
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.730105 Accuracy: 0.695553 F1 Score: 0.322626
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729799 Accuracy: 0.695751 F1 Score: 0.322925
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729302 Accuracy: 0.696007 F1 Score: 0.323193
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729155 Accuracy: 0.696135 F1 Score: 0.323459
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728924 Accuracy: 0.696194 F1 Score: 0.323416
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728836 Accuracy: 0.696184 F1 Score: 0.323625
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729455 Accuracy: 0.695961 F1 Score: 0.323384
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729610 Accuracy: 0.695815 F1 Score: 0.323294
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729373 Accuracy: 0.696139 F1 Score: 0.323229
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729355 Accuracy: 0.696197 F1 Score: 0.323201
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729027 Accuracy: 0.696457 F1 Score: 0.323259
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728900 Accuracy: 0.696582 F1 Score: 0.323517
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729194 Accuracy: 0.696505 F1 Score: 0.323678
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728995 Accuracy: 0.696563 F1 Score: 0.323892
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729102 Accuracy: 0.696486 F1 Score: 0.324077
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729208 Accuracy: 0.696409 F1 Score: 0.323969
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728996 Accuracy: 0.696534 F1 Score: 0.323960
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728995 Accuracy: 0.696591 F1 Score: 0.323918
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728796 Accuracy: 0.696715 F1 Score: 0.323935
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728879 Accuracy: 0.696638 F1 Score: 0.323853
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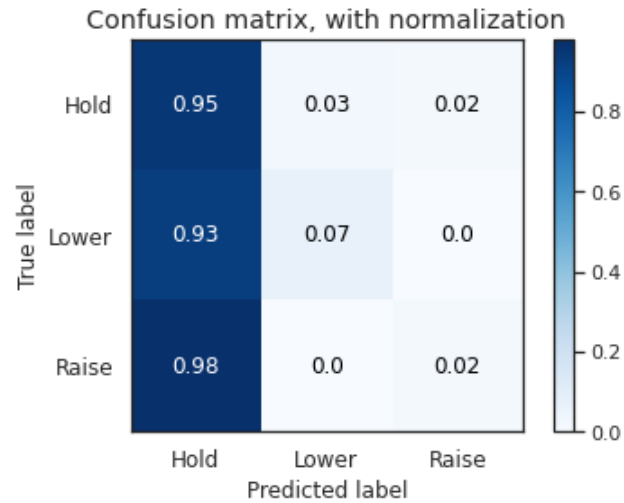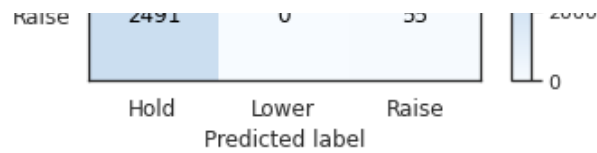
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729032 Accuracy: 0.696628 F1 Score: 0.323791
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728963 Accuracy: 0.696609 F1 Score: 0.323681
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729163 Accuracy: 0.696467 F1 Score: 0.323580
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729075 Accuracy: 0.696590 F1 Score: 0.323799
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729088 Accuracy: 0.696561 F1 Score: 0.323628
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729039 Accuracy: 0.696617 F1 Score: 0.323612
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.729100 Accuracy: 0.696674 F1 Score: 0.323596
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728695 Accuracy: 0.696928 F1 Score: 0.323890
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728538 Accuracy: 0.697050 F1 Score: 0.323882
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728228 Accuracy: 0.697171 F1 Score: 0.323885
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728391 Accuracy: 0.696964 F1 Score: 0.323777
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728407 Accuracy: 0.696944 F1 Score: 0.323668
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728461 Accuracy: 0.696990 F1 Score: 0.323840
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Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727873 Accuracy: 0.697296 F1 Score: 0.323867
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727899 Accuracy: 0.697286 F1 Score: 0.323819
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727909 Accuracy: 0.697145 F1 Score: 0.323942
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727953 Accuracy: 0.697135 F1 Score: 0.323870
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728452 Accuracy: 0.696865 F1 Score: 0.323707
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728533 Accuracy: 0.696920 F1 Score: 0.323690
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728414 Accuracy: 0.696976 F1 Score: 0.323674
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728490 Accuracy: 0.696966 F1 Score: 0.323626
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728520 Accuracy: 0.697021 F1 Score: 0.323598
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728480 Accuracy: 0.697011 F1 Score: 0.323551
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728415 Accuracy: 0.697130 F1 Score: 0.323788
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728326 Accuracy: 0.697185 F1 Score: 0.323748
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728419 Accuracy: 0.697175 F1 Score: 0.323713
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728423 Accuracy: 0.697165 F1 Score: 0.323653
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728241 Accuracy: 0.697219 F1 Score: 0.323625
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728081 Accuracy: 0.697402 F1 Score: 0.323637
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727901 Accuracy: 0.697521 F1 Score: 0.323641
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727821 Accuracy: 0.697510 F1 Score: 0.323605
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727720 Accuracy: 0.697436 F1 Score: 0.323538
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727851 Accuracy: 0.697362 F1 Score: 0.323471
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728343 Accuracy: 0.697160 F1 Score: 0.323342
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728492 Accuracy: 0.697086 F1 Score: 0.323241
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728377 Accuracy: 0.697204 F1 Score: 0.323488
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728568 Accuracy: 0.697194 F1 Score: 0.323648
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728584 Accuracy: 0.697248 F1 Score: 0.323632
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728380 Accuracy: 0.697365 F1 Score: 0.323647
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728185 Accuracy: 0.697419 F1 Score: 0.324091
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728194 Accuracy: 0.697345 F1 Score: 0.324024
```

```
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728406 Accuracy: 0.697145 F1 Score: 0.323896
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728342 Accuracy: 0.697198 F1 Score: 0.323845
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728488 Accuracy: 0.697188 F1 Score: 0.323799
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728266 Accuracy: 0.697368 F1 Score: 0.323821
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728275 Accuracy: 0.697358 F1 Score: 0.323763
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728270 Accuracy: 0.697348 F1 Score: 0.323717
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728480 Accuracy: 0.697086 F1 Score: 0.323776
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728732 Accuracy: 0.696951 F1 Score: 0.323668
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728705 Accuracy: 0.696941 F1 Score: 0.323622
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728324 Accuracy: 0.697183 F1 Score: 0.323675
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728439 Accuracy: 0.697111 F1 Score: 0.323609
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728594 Accuracy: 0.697101 F1 Score: 0.323790
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728521 Accuracy: 0.697217 F1 Score: 0.324019
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728459 Accuracy: 0.697144 F1 Score: 0.323965
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728496 Accuracy: 0.697072 F1 Score: 0.323888
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728375 Accuracy: 0.697125 F1 Score: 0.323850
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728267 Accuracy: 0.697178 F1 Score: 0.323834
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728270 Accuracy: 0.697168 F1 Score: 0.323799
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728405 Accuracy: 0.697096 F1 Score: 0.323936
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728233 Accuracy: 0.697211 F1 Score: 0.323928
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728461 Accuracy: 0.697015 F1 Score: 0.323792
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728170 Accuracy: 0.697130 F1 Score: 0.323806
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728127 Accuracy: 0.697120 F1 Score: 0.323749
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728285 Accuracy: 0.697049 F1 Score: 0.323662
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728030 Accuracy: 0.697101 F1 Score: 0.323636
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.728045 Accuracy: 0.697092 F1 Score: 0.323601
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727848 Accuracy: 0.697268 F1 Score: 0.323612
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727706 Accuracy: 0.697320 F1 Score: 0.323597
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727345 Accuracy: 0.697557 F1 Score: 0.323649
Epoch: 1/3... Step: 2850... Loss: 0.680607... Val Loss: 0.727237 Accuracy: 0.697547 F1 Score: 0.323826
2850 steps in epoch 1

Epoch: 1, Average Accuracy: 0.69754684, Average f1: 0.32382556

<Figure size 432x288 with 0 Axes>
```


Confusion matrix, without normalization

Confusion matrix, with normalization

True label	Hold	Lower	Raise
Hold	0.95	0.03	0.02
Lower	0.93	0.07	0.0
Raise	0.98	0.0	0.02

Predicted label

```
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.785932 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.672410 Accuracy: 0.718750 F1 Score: 0.278788
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.762770 Accuracy: 0.645833 F1 Score: 0.261603
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.725693 Accuracy: 0.687500 F1 Score: 0.271605
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708912 Accuracy: 0.700000 F1 Score: 0.274510
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.719266 Accuracy: 0.697917 F1 Score: 0.324574
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.732273 Accuracy: 0.696429 F1 Score: 0.317494
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.732946 Accuracy: 0.703125 F1 Score: 0.313907
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.740704 Accuracy: 0.694444 F1 Score: 0.311943
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.739714 Accuracy: 0.700000 F1 Score: 0.309162
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.745037 Accuracy: 0.698864 F1 Score: 0.305596
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.729360 Accuracy: 0.703125 F1 Score: 0.306618
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.727762 Accuracy: 0.706731 F1 Score: 0.303510
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.716489 Accuracy: 0.705357 F1 Score: 0.302105
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.728566 Accuracy: 0.704167 F1 Score: 0.312891
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.728618 Accuracy: 0.703125 F1 Score: 0.311321
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.730322 Accuracy: 0.698529 F1 Score: 0.307280
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.728763 Accuracy: 0.697917 F1 Score: 0.306156
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.751854 Accuracy: 0.680921 F1 Score: 0.298708
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.759283 Accuracy: 0.681250 F1 Score: 0.297011
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.756045 Accuracy: 0.684524 F1 Score: 0.296946
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.769956 Accuracy: 0.676136 F1 Score: 0.293132
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.755583 Accuracy: 0.684783 F1 Score: 0.294983
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.757039 Accuracy: 0.682292 F1 Score: 0.293035
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.747825 Accuracy: 0.690000 F1 Score: 0.307550
```

```
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.735550 Accuracy: 0.697115 F1 Score: 0.308576
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.738710 Accuracy: 0.692130 F1 Score: 0.305903
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.735119 Accuracy: 0.691964 F1 Score: 0.305051
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.729053 Accuracy: 0.696121 F1 Score: 0.305014
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.727199 Accuracy: 0.697917 F1 Score: 0.304416
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.723064 Accuracy: 0.699597 F1 Score: 0.303538
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.717504 Accuracy: 0.703125 F1 Score: 0.303852
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.724292 Accuracy: 0.698864 F1 Score: 0.301550
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.722376 Accuracy: 0.700368 F1 Score: 0.301394
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.724006 Accuracy: 0.700000 F1 Score: 0.300512
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.723210 Accuracy: 0.699653 F1 Score: 0.299919
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.714306 Accuracy: 0.706081 F1 Score: 0.301125
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708138 Accuracy: 0.710526 F1 Score: 0.301819
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.713700 Accuracy: 0.706731 F1 Score: 0.299744
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711926 Accuracy: 0.707812 F1 Score: 0.299609
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706006 Accuracy: 0.710366 F1 Score: 0.300066
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704854 Accuracy: 0.709821 F1 Score: 0.299343
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712292 Accuracy: 0.704942 F1 Score: 0.297019
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704487 Accuracy: 0.710227 F1 Score: 0.298041
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707579 Accuracy: 0.709722 F1 Score: 0.297277
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711484 Accuracy: 0.709239 F1 Score: 0.296560
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712339 Accuracy: 0.708777 F1 Score: 0.295885
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706400 Accuracy: 0.713542 F1 Score: 0.303520
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705057 Accuracy: 0.714286 F1 Score: 0.303364
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707646 Accuracy: 0.713750 F1 Score: 0.302534
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.715584 Accuracy: 0.708333 F1 Score: 0.300494
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.718886 Accuracy: 0.706731 F1 Score: 0.299467
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.713250 Accuracy: 0.711085 F1 Score: 0.306291
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708863 Accuracy: 0.714120 F1 Score: 0.306729
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712025 Accuracy: 0.712500 F1 Score: 0.305598
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708729 Accuracy: 0.714286 F1 Score: 0.305552
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707207 Accuracy: 0.716009 F1 Score: 0.305331
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706701 Accuracy: 0.714440 F1 Score: 0.304643
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.713624 Accuracy: 0.710805 F1 Score: 0.303110
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712445 Accuracy: 0.710417 F1 Score: 0.302583
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707727 Accuracy: 0.713115 F1 Score: 0.302848
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706150 Accuracy: 0.714718 F1 Score: 0.302849
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709154 Accuracy: 0.713294 F1 Score: 0.301685
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712620 Accuracy: 0.710938 F1 Score: 0.300727
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709274 Accuracy: 0.712500 F1 Score: 0.301025
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705107 Accuracy: 0.715909 F1 Score: 0.301656
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706715 Accuracy: 0.715485 F1 Score: 0.309921
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704891 Accuracy: 0.715993 F1 Score: 0.309780
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707918 Accuracy: 0.715580 F1 Score: 0.309061
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707035 Accuracy: 0.716071 F1 Score: 0.308929
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707675 Accuracy: 0.716549 F1 Score: 0.308631
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705925 Accuracy: 0.718750 F1 Score: 0.308772
```

```
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706634 Accuracy: 0.719178 F1 Score: 0.308327
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703916 Accuracy: 0.720439 F1 Score: 0.308564
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701376 Accuracy: 0.720833 F1 Score: 0.308588
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.700734 Accuracy: 0.720395 F1 Score: 0.311989
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703648 Accuracy: 0.718344 F1 Score: 0.318128
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702655 Accuracy: 0.719551 F1 Score: 0.317789
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701927 Accuracy: 0.719937 F1 Score: 0.317421
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701062 Accuracy: 0.720313 F1 Score: 0.317061
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.700196 Accuracy: 0.721451 F1 Score: 0.317075
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.699388 Accuracy: 0.722561 F1 Score: 0.316926
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.699171 Accuracy: 0.722892 F1 Score: 0.316581
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.696866 Accuracy: 0.724702 F1 Score: 0.316636
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.695826 Accuracy: 0.725000 F1 Score: 0.316301
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.696874 Accuracy: 0.724564 F1 Score: 0.315781
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.699300 Accuracy: 0.723420 F1 Score: 0.314945
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701931 Accuracy: 0.722301 F1 Score: 0.314404
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.700073 Accuracy: 0.723315 F1 Score: 0.314564
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.699128 Accuracy: 0.722917 F1 Score: 0.314084
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.700281 Accuracy: 0.722527 F1 Score: 0.313614
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.698679 Accuracy: 0.723505 F1 Score: 0.313640
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.698441 Accuracy: 0.723118 F1 Score: 0.313183
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.697200 Accuracy: 0.723404 F1 Score: 0.313036
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.698449 Accuracy: 0.723026 F1 Score: 0.312595
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.699311 Accuracy: 0.722005 F1 Score: 0.311994
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701321 Accuracy: 0.719716 F1 Score: 0.310836
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.700222 Accuracy: 0.719388 F1 Score: 0.310550
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.697943 Accuracy: 0.720960 F1 Score: 0.310757
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.699422 Accuracy: 0.720625 F1 Score: 0.310249
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703796 Accuracy: 0.718441 F1 Score: 0.309062
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704307 Accuracy: 0.717525 F1 Score: 0.311652
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704113 Accuracy: 0.718447 F1 Score: 0.311576
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703179 Accuracy: 0.719351 F1 Score: 0.314302
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702522 Accuracy: 0.719643 F1 Score: 0.314052
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702175 Accuracy: 0.719929 F1 Score: 0.313686
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705482 Accuracy: 0.717874 F1 Score: 0.312497
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705057 Accuracy: 0.718750 F1 Score: 0.312311
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706616 Accuracy: 0.717890 F1 Score: 0.311582
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707477 Accuracy: 0.717045 F1 Score: 0.311083
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708527 Accuracy: 0.716216 F1 Score: 0.310387
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708117 Accuracy: 0.717076 F1 Score: 0.310338
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708128 Accuracy: 0.717367 F1 Score: 0.312726
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707702 Accuracy: 0.717654 F1 Score: 0.312626
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706529 Accuracy: 0.718478 F1 Score: 0.312773
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705140 Accuracy: 0.719289 F1 Score: 0.312917
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706275 Accuracy: 0.719017 F1 Score: 0.312572
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705892 Accuracy: 0.719280 F1 Score: 0.312262
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706674 Accuracy: 0.718487 F1 Score: 0.313864
```

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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706074 Accuracy: 0.718487 F1 Score: 0.313804
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703859 Accuracy: 0.720313 F1 Score: 0.314167
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703560 Accuracy: 0.720558 F1 Score: 0.314051
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702290 Accuracy: 0.721311 F1 Score: 0.314072
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703260 Accuracy: 0.721545 F1 Score: 0.313772
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703787 Accuracy: 0.720766 F1 Score: 0.313211
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704714 Accuracy: 0.720000 F1 Score: 0.315224
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707404 Accuracy: 0.718254 F1 Score: 0.314393
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706761 Accuracy: 0.718996 F1 Score: 0.314417
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708549 Accuracy: 0.717773 F1 Score: 0.313829
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710400 Accuracy: 0.717539 F1 Score: 0.313507
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711734 Accuracy: 0.715865 F1 Score: 0.312719
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710288 Accuracy: 0.716126 F1 Score: 0.312717
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711307 Accuracy: 0.715436 F1 Score: 0.312286
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710834 Accuracy: 0.715695 F1 Score: 0.312286
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712328 Accuracy: 0.715019 F1 Score: 0.311600
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711331 Accuracy: 0.715741 F1 Score: 0.311723
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711698 Accuracy: 0.715074 F1 Score: 0.313429
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712077 Accuracy: 0.714872 F1 Score: 0.313129
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710478 Accuracy: 0.715580 F1 Score: 0.313069
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709496 Accuracy: 0.716277 F1 Score: 0.315155
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708443 Accuracy: 0.717411 F1 Score: 0.315293
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707786 Accuracy: 0.717642 F1 Score: 0.315198
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709269 Accuracy: 0.716549 F1 Score: 0.314574
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709274 Accuracy: 0.716783 F1 Score: 0.314210
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708772 Accuracy: 0.717014 F1 Score: 0.314033
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706914 Accuracy: 0.718534 F1 Score: 0.314281
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706109 Accuracy: 0.718750 F1 Score: 0.314104
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705019 Accuracy: 0.718963 F1 Score: 0.314103
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706346 Accuracy: 0.718328 F1 Score: 0.313710
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704515 Accuracy: 0.719379 F1 Score: 0.313927
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703382 Accuracy: 0.720417 F1 Score: 0.314055
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702369 Accuracy: 0.721026 F1 Score: 0.314073
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703248 Accuracy: 0.720395 F1 Score: 0.313773
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702473 Accuracy: 0.720997 F1 Score: 0.313791
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701787 Accuracy: 0.721997 F1 Score: 0.313830
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702127 Accuracy: 0.722177 F1 Score: 0.317044
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701992 Accuracy: 0.722356 F1 Score: 0.316859
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702762 Accuracy: 0.722134 F1 Score: 0.316410
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701650 Accuracy: 0.722706 F1 Score: 0.316338
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704080 Accuracy: 0.720912 F1 Score: 0.315561
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703440 Accuracy: 0.721094 F1 Score: 0.315545
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702409 Accuracy: 0.721661 F1 Score: 0.315479
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701349 Accuracy: 0.721836 F1 Score: 0.315463
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702071 Accuracy: 0.721626 F1 Score: 0.315269
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701840 Accuracy: 0.721799 F1 Score: 0.314953
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701826 Accuracy: 0.722348 F1 Score: 0.316370
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701633 Accuracy: 0.722515 F1 Score: 0.316271
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.701622 Accuracy: 0.722515 F1 Score: 0.316271
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.702992 Accuracy: 0.721183 F1 Score: 0.315491
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704097 Accuracy: 0.720610 F1 Score: 0.314995
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705472 Accuracy: 0.719675 F1 Score: 0.314537
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704308 Accuracy: 0.720221 F1 Score: 0.314614
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704053 Accuracy: 0.720395 F1 Score: 0.314527
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.703944 Accuracy: 0.720203 F1 Score: 0.314212
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705008 Accuracy: 0.718931 F1 Score: 0.313799
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704016 Accuracy: 0.719468 F1 Score: 0.313814
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706077 Accuracy: 0.718571 F1 Score: 0.313252
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706023 Accuracy: 0.718395 F1 Score: 0.313015
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705655 Accuracy: 0.719280 F1 Score: 0.313128
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705512 Accuracy: 0.719452 F1 Score: 0.313111
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707087 Accuracy: 0.718575 F1 Score: 0.312508
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708086 Accuracy: 0.718403 F1 Score: 0.312163
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706983 Accuracy: 0.718923 F1 Score: 0.312125
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707431 Accuracy: 0.718750 F1 Score: 0.311959
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707389 Accuracy: 0.718579 F1 Score: 0.311738
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708732 Accuracy: 0.718071 F1 Score: 0.311373
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709225 Accuracy: 0.717905 F1 Score: 0.311213
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710219 Accuracy: 0.717406 F1 Score: 0.312371
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710592 Accuracy: 0.717246 F1 Score: 0.312212
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710385 Accuracy: 0.717088 F1 Score: 0.311997
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711022 Accuracy: 0.716931 F1 Score: 0.311727
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710265 Accuracy: 0.717763 F1 Score: 0.311781
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710009 Accuracy: 0.717932 F1 Score: 0.311715
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709465 Accuracy: 0.718099 F1 Score: 0.311594
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709376 Accuracy: 0.718264 F1 Score: 0.311528
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708936 Accuracy: 0.718428 F1 Score: 0.311463
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709350 Accuracy: 0.718269 F1 Score: 0.311204
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709179 Accuracy: 0.718431 F1 Score: 0.311141
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710154 Accuracy: 0.717640 F1 Score: 0.310666
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710422 Accuracy: 0.717487 F1 Score: 0.310469
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708925 Accuracy: 0.717965 F1 Score: 0.310493
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711464 Accuracy: 0.716875 F1 Score: 0.309898
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712069 Accuracy: 0.716418 F1 Score: 0.309625
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711557 Accuracy: 0.716894 F1 Score: 0.309603
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711315 Accuracy: 0.717365 F1 Score: 0.309628
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711619 Accuracy: 0.717218 F1 Score: 0.309443
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710853 Accuracy: 0.717683 F1 Score: 0.309468
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710676 Accuracy: 0.717840 F1 Score: 0.309365
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709384 Accuracy: 0.718599 F1 Score: 0.309518
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709452 Accuracy: 0.718149 F1 Score: 0.309304
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709446 Accuracy: 0.718002 F1 Score: 0.309123
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710506 Accuracy: 0.717560 F1 Score: 0.308772
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710754 Accuracy: 0.717121 F1 Score: 0.308564
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711323 Accuracy: 0.716686 F1 Score: 0.308220
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711225 Accuracy: 0.716549 F1 Score: 0.308048
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711821 Accuracy: 0.716414 F1 Score: 0.307834
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711120 Accuracy: 0.716860 F1 Score: 0.307775
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709364 Accuracy: 0.718171 F1 Score: 0.308076
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710194 Accuracy: 0.718030 F1 Score: 0.307821
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710977 Accuracy: 0.717317 F1 Score: 0.307590
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711375 Accuracy: 0.717180 F1 Score: 0.307512
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710965 Accuracy: 0.717614 F1 Score: 0.307540
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711895 Accuracy: 0.716912 F1 Score: 0.307144
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711905 Accuracy: 0.717061 F1 Score: 0.307057
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712859 Accuracy: 0.716368 F1 Score: 0.306793
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.713212 Accuracy: 0.716239 F1 Score: 0.306554
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.713187 Accuracy: 0.716389 F1 Score: 0.306471
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712555 Accuracy: 0.716538 F1 Score: 0.307457
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711852 Accuracy: 0.717236 F1 Score: 0.307519
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711597 Accuracy: 0.717379 F1 Score: 0.307434
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712388 Accuracy: 0.716703 F1 Score: 0.307131
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712297 Accuracy: 0.716848 F1 Score: 0.307086
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712169 Accuracy: 0.716450 F1 Score: 0.306897
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712308 Accuracy: 0.716595 F1 Score: 0.306816
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712213 Accuracy: 0.716470 F1 Score: 0.306664
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711740 Accuracy: 0.716613 F1 Score: 0.306621
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711576 Accuracy: 0.716755 F1 Score: 0.306541
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710181 Accuracy: 0.717426 F1 Score: 0.306676
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710069 Accuracy: 0.717563 F1 Score: 0.306632
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709991 Accuracy: 0.717700 F1 Score: 0.306589
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709035 Accuracy: 0.718096 F1 Score: 0.307882
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707581 Accuracy: 0.719010 F1 Score: 0.308082
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707518 Accuracy: 0.718880 F1 Score: 0.307929
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706659 Accuracy: 0.719267 F1 Score: 0.307951
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706795 Accuracy: 0.719136 F1 Score: 0.307800
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706273 Accuracy: 0.719262 F1 Score: 0.307717
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705407 Accuracy: 0.719388 F1 Score: 0.307709
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704545 Accuracy: 0.719766 F1 Score: 0.307769
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705095 Accuracy: 0.719383 F1 Score: 0.307553
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705294 Accuracy: 0.719254 F1 Score: 0.307369
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705367 Accuracy: 0.719127 F1 Score: 0.307259
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704326 Accuracy: 0.719750 F1 Score: 0.308611
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705067 Accuracy: 0.719373 F1 Score: 0.308357
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705128 Accuracy: 0.719494 F1 Score: 0.308198
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705396 Accuracy: 0.719368 F1 Score: 0.309039
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704869 Accuracy: 0.719488 F1 Score: 0.308991
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704968 Accuracy: 0.719608 F1 Score: 0.308943
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705167 Accuracy: 0.719482 F1 Score: 0.308795
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705883 Accuracy: 0.719115 F1 Score: 0.308511
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705670 Accuracy: 0.719234 F1 Score: 0.308430
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704650 Accuracy: 0.719836 F1 Score: 0.308514
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704055 Accuracy: 0.720192 F1 Score: 0.308498
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704687 Accuracy: 0.719828 F1 Score: 0.308256
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.704889 Accuracy: 0.719943 F1 Score: 0.308211
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705321 Accuracy: 0.719582 F1 Score: 0.308006
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.705687 Accuracy: 0.719460 F1 Score: 0.308806
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706319 Accuracy: 0.719104 F1 Score: 0.308534
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707090 Accuracy: 0.718750 F1 Score: 0.308328
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707168 Accuracy: 0.718867 F1 Score: 0.308283
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706563 Accuracy: 0.719216 F1 Score: 0.308270
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706499 Accuracy: 0.719331 F1 Score: 0.308194
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707226 Accuracy: 0.718750 F1 Score: 0.307869
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708596 Accuracy: 0.717943 F1 Score: 0.307515
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708740 Accuracy: 0.717601 F1 Score: 0.307348
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708282 Accuracy: 0.717949 F1 Score: 0.307339
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709141 Accuracy: 0.717153 F1 Score: 0.306992
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708887 Accuracy: 0.717045 F1 Score: 0.306861
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708465 Accuracy: 0.717165 F1 Score: 0.306851
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708236 Accuracy: 0.717283 F1 Score: 0.306782
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708718 Accuracy: 0.717176 F1 Score: 0.306683
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708576 Accuracy: 0.717070 F1 Score: 0.306526
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707912 Accuracy: 0.717411 F1 Score: 0.306548
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708592 Accuracy: 0.717304 F1 Score: 0.306393
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708140 Accuracy: 0.717642 F1 Score: 0.306386
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707887 Accuracy: 0.717977 F1 Score: 0.306380
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707744 Accuracy: 0.717870 F1 Score: 0.306255
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706655 Accuracy: 0.718421 F1 Score: 0.306364
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707521 Accuracy: 0.717657 F1 Score: 0.306092
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707914 Accuracy: 0.717117 F1 Score: 0.305824
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708256 Accuracy: 0.716797 F1 Score: 0.305590
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708018 Accuracy: 0.717128 F1 Score: 0.305587
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708454 Accuracy: 0.716595 F1 Score: 0.305325
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708229 Accuracy: 0.716924 F1 Score: 0.305296
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708053 Accuracy: 0.717038 F1 Score: 0.305236
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708077 Accuracy: 0.717150 F1 Score: 0.306220
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709075 Accuracy: 0.716199 F1 Score: 0.305873
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710650 Accuracy: 0.715466 F1 Score: 0.305531
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711036 Accuracy: 0.715160 F1 Score: 0.306354
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711065 Accuracy: 0.715067 F1 Score: 0.306264
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710545 Accuracy: 0.715185 F1 Score: 0.306259
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709766 Accuracy: 0.715510 F1 Score: 0.307294
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708919 Accuracy: 0.716042 F1 Score: 0.307371
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709089 Accuracy: 0.715532 F1 Score: 0.307111
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708378 Accuracy: 0.716060 F1 Score: 0.307187
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709000 Accuracy: 0.715759 F1 Score: 0.306984
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708984 Accuracy: 0.715666 F1 Score: 0.306867
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708789 Accuracy: 0.715779 F1 Score: 0.306805
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708541 Accuracy: 0.715891 F1 Score: 0.306801
```

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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708593 Accuracy: 0.716002 F1 Score: 0.306739
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708809 Accuracy: 0.716112 F1 Score: 0.306649
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707273 Accuracy: 0.717031 F1 Score: 0.306860
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707510 Accuracy: 0.716734 F1 Score: 0.306691
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707778 Accuracy: 0.716439 F1 Score: 0.306524
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707229 Accuracy: 0.716747 F1 Score: 0.306545
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707624 Accuracy: 0.716454 F1 Score: 0.306406
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708078 Accuracy: 0.716162 F1 Score: 0.306269
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709367 Accuracy: 0.715476 F1 Score: 0.305945
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710170 Accuracy: 0.715190 F1 Score: 0.306630
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711205 Accuracy: 0.714708 F1 Score: 0.306359
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710694 Accuracy: 0.714819 F1 Score: 0.306329
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710833 Accuracy: 0.714734 F1 Score: 0.306137
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710280 Accuracy: 0.715039 F1 Score: 0.306132
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710793 Accuracy: 0.714759 F1 Score: 0.305946
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711634 Accuracy: 0.714286 F1 Score: 0.305763
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712256 Accuracy: 0.714009 F1 Score: 0.305500
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712025 Accuracy: 0.714120 F1 Score: 0.305473
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712452 Accuracy: 0.713846 F1 Score: 0.305292
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711975 Accuracy: 0.714149 F1 Score: 0.305290
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711987 Accuracy: 0.714258 F1 Score: 0.305237
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711985 Accuracy: 0.714177 F1 Score: 0.305109
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711556 Accuracy: 0.714286 F1 Score: 0.305083
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710318 Accuracy: 0.714962 F1 Score: 0.305232
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710191 Accuracy: 0.715068 F1 Score: 0.305230
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709812 Accuracy: 0.715361 F1 Score: 0.305228
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709572 Accuracy: 0.715465 F1 Score: 0.305176
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708998 Accuracy: 0.715756 F1 Score: 0.305223
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709258 Accuracy: 0.715485 F1 Score: 0.305098
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708940 Accuracy: 0.715588 F1 Score: 0.305047
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709277 Accuracy: 0.715504 F1 Score: 0.304947
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709523 Accuracy: 0.715237 F1 Score: 0.304750
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709789 Accuracy: 0.715155 F1 Score: 0.304603
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710010 Accuracy: 0.715074 F1 Score: 0.304506
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709129 Accuracy: 0.715543 F1 Score: 0.304601
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708985 Accuracy: 0.715461 F1 Score: 0.304552
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709106 Accuracy: 0.715379 F1 Score: 0.304455
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709094 Accuracy: 0.715298 F1 Score: 0.304335
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709248 Accuracy: 0.715217 F1 Score: 0.305090
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708895 Accuracy: 0.715499 F1 Score: 0.305137
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709086 Accuracy: 0.715418 F1 Score: 0.305015
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708967 Accuracy: 0.715517 F1 Score: 0.305829
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708563 Accuracy: 0.715974 F1 Score: 0.305896
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708918 Accuracy: 0.715714 F1 Score: 0.305701
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709438 Accuracy: 0.715100 F1 Score: 0.305439
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709865 Accuracy: 0.714844 F1 Score: 0.305272
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710465 Accuracy: 0.714412 F1 Score: 0.305035
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711129 Accuracy: 0.713806 F1 Score: 0.304802
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711461 Accuracy: 0.713556 F1 Score: 0.304687
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710935 Accuracy: 0.713834 F1 Score: 0.304710
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710854 Accuracy: 0.714111 F1 Score: 0.304709
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711209 Accuracy: 0.714036 F1 Score: 0.304593
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710940 Accuracy: 0.714136 F1 Score: 0.304546
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710533 Accuracy: 0.714410 F1 Score: 0.304546
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710510 Accuracy: 0.714508 F1 Score: 0.304523
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709857 Accuracy: 0.714779 F1 Score: 0.304569
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710616 Accuracy: 0.714360 F1 Score: 0.304342
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711147 Accuracy: 0.714286 F1 Score: 0.305025
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711143 Accuracy: 0.714212 F1 Score: 0.306527
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710668 Accuracy: 0.714481 F1 Score: 0.306548
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710360 Accuracy: 0.714748 F1 Score: 0.307368
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709465 Accuracy: 0.715183 F1 Score: 0.307458
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708830 Accuracy: 0.715617 F1 Score: 0.307494
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709439 Accuracy: 0.715203 F1 Score: 0.307283
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709943 Accuracy: 0.714791 F1 Score: 0.307074
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709486 Accuracy: 0.715054 F1 Score: 0.307067
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710424 Accuracy: 0.714645 F1 Score: 0.306834
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711253 Accuracy: 0.714405 F1 Score: 0.306672
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712463 Accuracy: 0.713667 F1 Score: 0.306331
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712096 Accuracy: 0.713597 F1 Score: 0.306264
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711744 Accuracy: 0.713694 F1 Score: 0.306242
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711807 Accuracy: 0.713624 F1 Score: 0.306176
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711270 Accuracy: 0.713885 F1 Score: 0.306196
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711365 Accuracy: 0.713980 F1 Score: 0.307712
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711502 Accuracy: 0.713911 F1 Score: 0.307619
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711699 Accuracy: 0.713678 F1 Score: 0.307457
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711864 Accuracy: 0.713610 F1 Score: 0.307365
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711411 Accuracy: 0.713704 F1 Score: 0.307368
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711051 Accuracy: 0.713961 F1 Score: 0.308143
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710136 Accuracy: 0.714540 F1 Score: 0.308272
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710446 Accuracy: 0.714147 F1 Score: 0.308041
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709963 Accuracy: 0.714401 F1 Score: 0.308085
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710058 Accuracy: 0.714492 F1 Score: 0.308034
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710460 Accuracy: 0.714423 F1 Score: 0.307942
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710806 Accuracy: 0.714194 F1 Score: 0.307756
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710627 Accuracy: 0.714286 F1 Score: 0.307654
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710816 Accuracy: 0.714218 F1 Score: 0.307564
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710198 Accuracy: 0.714467 F1 Score: 0.307608
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710083 Accuracy: 0.714241 F1 Score: 0.307477
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710437 Accuracy: 0.714173 F1 Score: 0.307337
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710700 Accuracy: 0.713791 F1 Score: 0.307166
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710047 Accuracy: 0.714039 F1 Score: 0.307941
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709580 Accuracy: 0.714286 F1 Score: 0.307959
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709503 Accuracy: 0.714375 F1 Score: 0.307910
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709303 Accuracy: 0.714373 F1 Score: 0.307910
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710786 Accuracy: 0.713840 F1 Score: 0.307622
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711221 Accuracy: 0.713464 F1 Score: 0.307428
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710686 Accuracy: 0.713865 F1 Score: 0.307512
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711004 Accuracy: 0.713645 F1 Score: 0.307309
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710682 Accuracy: 0.713889 F1 Score: 0.307302
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710914 Accuracy: 0.713824 F1 Score: 0.307216
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710701 Accuracy: 0.713913 F1 Score: 0.307169
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710839 Accuracy: 0.713695 F1 Score: 0.307044
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711484 Accuracy: 0.713325 F1 Score: 0.306831
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711466 Accuracy: 0.713262 F1 Score: 0.306699
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710922 Accuracy: 0.713504 F1 Score: 0.306717
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710990 Accuracy: 0.713441 F1 Score: 0.307334
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710595 Accuracy: 0.713680 F1 Score: 0.307377
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710479 Accuracy: 0.713919 F1 Score: 0.307395
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710228 Accuracy: 0.714006 F1 Score: 0.307349
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710241 Accuracy: 0.713942 F1 Score: 0.307265
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710095 Accuracy: 0.714029 F1 Score: 0.307220
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710626 Accuracy: 0.713666 F1 Score: 0.307011
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710409 Accuracy: 0.713902 F1 Score: 0.307005
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710125 Accuracy: 0.713988 F1 Score: 0.307560
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709868 Accuracy: 0.714074 F1 Score: 0.307538
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710227 Accuracy: 0.713863 F1 Score: 0.307439
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710161 Accuracy: 0.713948 F1 Score: 0.308078
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710253 Accuracy: 0.713886 F1 Score: 0.307970
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711010 Accuracy: 0.713382 F1 Score: 0.308424
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710876 Accuracy: 0.713322 F1 Score: 0.308364
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710727 Accuracy: 0.713261 F1 Score: 0.308280
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710776 Accuracy: 0.713201 F1 Score: 0.308172
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710799 Accuracy: 0.713141 F1 Score: 0.308088
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710997 Accuracy: 0.713081 F1 Score: 0.308029
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710425 Accuracy: 0.713457 F1 Score: 0.308059
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710314 Accuracy: 0.713397 F1 Score: 0.308000
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709716 Accuracy: 0.713770 F1 Score: 0.308054
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710416 Accuracy: 0.713422 F1 Score: 0.307897
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710299 Accuracy: 0.713506 F1 Score: 0.307829
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710105 Accuracy: 0.713733 F1 Score: 0.309165
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710102 Accuracy: 0.713816 F1 Score: 0.309142
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710506 Accuracy: 0.713613 F1 Score: 0.308948
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709847 Accuracy: 0.713981 F1 Score: 0.309000
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709484 Accuracy: 0.714063 F1 Score: 0.308978
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710244 Accuracy: 0.713719 F1 Score: 0.308749
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710247 Accuracy: 0.713801 F1 Score: 0.308680
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709952 Accuracy: 0.714024 F1 Score: 0.308695
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710263 Accuracy: 0.713823 F1 Score: 0.308577
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710210 Accuracy: 0.713904 F1 Score: 0.309150
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709858 Accuracy: 0.714126 F1 Score: 0.309189
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709531 Accuracy: 0.714346 F1 Score: 0.309170
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709531 Accuracy: 0.714346 F1 Score: 0.309179
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709409 Accuracy: 0.714146 F1 Score: 0.309085
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709012 Accuracy: 0.714365 F1 Score: 0.309100
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709055 Accuracy: 0.714444 F1 Score: 0.309054
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709562 Accuracy: 0.713969 F1 Score: 0.308842
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710345 Accuracy: 0.713496 F1 Score: 0.308630
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710304 Accuracy: 0.713714 F1 Score: 0.308622
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710048 Accuracy: 0.713932 F1 Score: 0.308614
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710355 Accuracy: 0.713874 F1 Score: 0.308511
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709942 Accuracy: 0.714090 F1 Score: 0.308549
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710426 Accuracy: 0.713758 F1 Score: 0.308376
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710728 Accuracy: 0.713428 F1 Score: 0.308227
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710704 Accuracy: 0.713371 F1 Score: 0.308172
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711131 Accuracy: 0.713043 F1 Score: 0.308002
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711367 Accuracy: 0.712988 F1 Score: 0.307902
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711927 Accuracy: 0.712527 F1 Score: 0.307720
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712123 Accuracy: 0.712338 F1 Score: 0.307610
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711813 Accuracy: 0.712419 F1 Score: 0.307591
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711382 Accuracy: 0.712769 F1 Score: 0.307642
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711332 Accuracy: 0.712715 F1 Score: 0.307566
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711531 Accuracy: 0.712661 F1 Score: 0.307469
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711427 Accuracy: 0.712874 F1 Score: 0.308076
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710957 Accuracy: 0.713220 F1 Score: 0.308148
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710729 Accuracy: 0.713298 F1 Score: 0.308106
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710217 Accuracy: 0.713508 F1 Score: 0.308122
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710124 Accuracy: 0.713453 F1 Score: 0.308068
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710506 Accuracy: 0.713266 F1 Score: 0.307937
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710606 Accuracy: 0.713344 F1 Score: 0.307851
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710263 Accuracy: 0.713421 F1 Score: 0.307788
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710319 Accuracy: 0.713367 F1 Score: 0.307736
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709805 Accuracy: 0.713705 F1 Score: 0.307785
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709548 Accuracy: 0.713912 F1 Score: 0.307778
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709477 Accuracy: 0.713987 F1 Score: 0.307738
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709549 Accuracy: 0.713932 F1 Score: 0.307686
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709188 Accuracy: 0.714137 F1 Score: 0.308277
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708965 Accuracy: 0.714212 F1 Score: 0.308236
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708751 Accuracy: 0.714415 F1 Score: 0.308228
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708808 Accuracy: 0.714360 F1 Score: 0.308176
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709182 Accuracy: 0.714175 F1 Score: 0.308026
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709651 Accuracy: 0.713606 F1 Score: 0.307799
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709033 Accuracy: 0.713937 F1 Score: 0.307847
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708798 Accuracy: 0.714139 F1 Score: 0.307862
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707944 Accuracy: 0.714724 F1 Score: 0.307996
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708561 Accuracy: 0.714541 F1 Score: 0.307848
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708719 Accuracy: 0.714358 F1 Score: 0.307764
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708204 Accuracy: 0.714685 F1 Score: 0.307811
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708256 Accuracy: 0.714630 F1 Score: 0.307739
```

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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708019 Accuracy: 0.714828 F1 Score: 0.307754
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708118 Accuracy: 0.714773 F1 Score: 0.307640
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707865 Accuracy: 0.714844 F1 Score: 0.307643
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707193 Accuracy: 0.715292 F1 Score: 0.307743
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707004 Accuracy: 0.715487 F1 Score: 0.307736
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707340 Accuracy: 0.715431 F1 Score: 0.307644
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706567 Accuracy: 0.715875 F1 Score: 0.307722
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706532 Accuracy: 0.715943 F1 Score: 0.307683
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706205 Accuracy: 0.716135 F1 Score: 0.307717
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706855 Accuracy: 0.715706 F1 Score: 0.307489
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707029 Accuracy: 0.715526 F1 Score: 0.307408
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707496 Accuracy: 0.715223 F1 Score: 0.307296
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707708 Accuracy: 0.714921 F1 Score: 0.307184
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707394 Accuracy: 0.714990 F1 Score: 0.307167
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708026 Accuracy: 0.714690 F1 Score: 0.306994
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707813 Accuracy: 0.714882 F1 Score: 0.307558
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707779 Accuracy: 0.714828 F1 Score: 0.308056
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708270 Accuracy: 0.714653 F1 Score: 0.308475
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708522 Accuracy: 0.714722 F1 Score: 0.308436
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708903 Accuracy: 0.714547 F1 Score: 0.308766
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708766 Accuracy: 0.714737 F1 Score: 0.308758
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708888 Accuracy: 0.714806 F1 Score: 0.308719
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708973 Accuracy: 0.714753 F1 Score: 0.308648
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708660 Accuracy: 0.714942 F1 Score: 0.308682
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707997 Accuracy: 0.715372 F1 Score: 0.308777
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707809 Accuracy: 0.715559 F1 Score: 0.308790
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707848 Accuracy: 0.715625 F1 Score: 0.308730
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707316 Accuracy: 0.715931 F1 Score: 0.308773
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707683 Accuracy: 0.715637 F1 Score: 0.308621
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707800 Accuracy: 0.715464 F1 Score: 0.308501
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707387 Accuracy: 0.715649 F1 Score: 0.308533
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707418 Accuracy: 0.715595 F1 Score: 0.308444
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707673 Accuracy: 0.715542 F1 Score: 0.308355
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708001 Accuracy: 0.715489 F1 Score: 0.308247
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707537 Accuracy: 0.715791 F1 Score: 0.308290
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707970 Accuracy: 0.715501 F1 Score: 0.308142
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707454 Accuracy: 0.715920 F1 Score: 0.308215
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707023 Accuracy: 0.716102 F1 Score: 0.308228
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706720 Accuracy: 0.716400 F1 Score: 0.308270
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706753 Accuracy: 0.716346 F1 Score: 0.308222
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706445 Accuracy: 0.716526 F1 Score: 0.308692
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706753 Accuracy: 0.716472 F1 Score: 0.308624
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706807 Accuracy: 0.716418 F1 Score: 0.308556
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706951 Accuracy: 0.716248 F1 Score: 0.308439
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706870 Accuracy: 0.716310 F1 Score: 0.308421
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706784 Accuracy: 0.716257 F1 Score: 0.308372
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707073 Accuracy: 0.716204 F1 Score: 0.308267
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707496 Accuracy: 0.715920 F1 Score: 0.308141
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707660 Accuracy: 0.715867 F1 Score: 0.308093
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707217 Accuracy: 0.716160 F1 Score: 0.308116
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706992 Accuracy: 0.716337 F1 Score: 0.308128
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706744 Accuracy: 0.716399 F1 Score: 0.308110
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707298 Accuracy: 0.715888 F1 Score: 0.307926
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707265 Accuracy: 0.715951 F1 Score: 0.307890
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707540 Accuracy: 0.715899 F1 Score: 0.307861
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707173 Accuracy: 0.716075 F1 Score: 0.307892
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707537 Accuracy: 0.715682 F1 Score: 0.307757
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707203 Accuracy: 0.715858 F1 Score: 0.307787
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707857 Accuracy: 0.715466 F1 Score: 0.307653
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707989 Accuracy: 0.715303 F1 Score: 0.307578
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708174 Accuracy: 0.715140 F1 Score: 0.307448
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708166 Accuracy: 0.715203 F1 Score: 0.307413
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708490 Accuracy: 0.714816 F1 Score: 0.307244
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708106 Accuracy: 0.714879 F1 Score: 0.307246
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708283 Accuracy: 0.714718 F1 Score: 0.307136
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708430 Accuracy: 0.714669 F1 Score: 0.307091
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708221 Accuracy: 0.714732 F1 Score: 0.307075
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708371 Accuracy: 0.714684 F1 Score: 0.307012
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708316 Accuracy: 0.714635 F1 Score: 0.306950
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708220 Accuracy: 0.714587 F1 Score: 0.306924
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708260 Accuracy: 0.714539 F1 Score: 0.306862
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708258 Accuracy: 0.714491 F1 Score: 0.306800
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708051 Accuracy: 0.714664 F1 Score: 0.306813
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707734 Accuracy: 0.714837 F1 Score: 0.306825
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707717 Accuracy: 0.714789 F1 Score: 0.306764
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708111 Accuracy: 0.714521 F1 Score: 0.306611
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708472 Accuracy: 0.714364 F1 Score: 0.307038
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708550 Accuracy: 0.714317 F1 Score: 0.306977
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708676 Accuracy: 0.714379 F1 Score: 0.306926
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708703 Accuracy: 0.714442 F1 Score: 0.306928
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708362 Accuracy: 0.714612 F1 Score: 0.306923
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708043 Accuracy: 0.714891 F1 Score: 0.306964
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708063 Accuracy: 0.714844 F1 Score: 0.306885
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708191 Accuracy: 0.714688 F1 Score: 0.306797
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708048 Accuracy: 0.714749 F1 Score: 0.306747
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708468 Accuracy: 0.714486 F1 Score: 0.306579
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708411 Accuracy: 0.714440 F1 Score: 0.306554
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708687 Accuracy: 0.714393 F1 Score: 0.306443
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708695 Accuracy: 0.714454 F1 Score: 0.306428
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708523 Accuracy: 0.714515 F1 Score: 0.306397
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708976 Accuracy: 0.714255 F1 Score: 0.306266
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709432 Accuracy: 0.714103 F1 Score: 0.306163
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709626 Accuracy: 0.714057 F1 Score: 0.306605
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709072 Accuracy: 0.714331 F1 Score: 0.306645
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709449 Accuracy: 0.714179 F1 Score: 0.306559
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709295 Accuracy: 0.714346 F1 Score: 0.306572
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709833 Accuracy: 0.713983 F1 Score: 0.306415
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709613 Accuracy: 0.714150 F1 Score: 0.306411
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710325 Accuracy: 0.713788 F1 Score: 0.306255
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710313 Accuracy: 0.713744 F1 Score: 0.306214
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710173 Accuracy: 0.713805 F1 Score: 0.306200
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710626 Accuracy: 0.713550 F1 Score: 0.306106
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710641 Accuracy: 0.713612 F1 Score: 0.306092
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710614 Accuracy: 0.713673 F1 Score: 0.306079
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710642 Accuracy: 0.713524 F1 Score: 0.306029
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710434 Accuracy: 0.713585 F1 Score: 0.305998
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710655 Accuracy: 0.713437 F1 Score: 0.305898
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710208 Accuracy: 0.713602 F1 Score: 0.305912
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710076 Accuracy: 0.713767 F1 Score: 0.305925
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710091 Accuracy: 0.713723 F1 Score: 0.305868
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709753 Accuracy: 0.713887 F1 Score: 0.305865
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709303 Accuracy: 0.714153 F1 Score: 0.305905
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709115 Accuracy: 0.714212 F1 Score: 0.305891
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709182 Accuracy: 0.714065 F1 Score: 0.305792
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708593 Accuracy: 0.714330 F1 Score: 0.305848
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708296 Accuracy: 0.714491 F1 Score: 0.306331
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708350 Accuracy: 0.714549 F1 Score: 0.306317
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707932 Accuracy: 0.714812 F1 Score: 0.306356
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707593 Accuracy: 0.714971 F1 Score: 0.306777
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707432 Accuracy: 0.715029 F1 Score: 0.306746
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707022 Accuracy: 0.715289 F1 Score: 0.306800
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706714 Accuracy: 0.715447 F1 Score: 0.306795
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707125 Accuracy: 0.715097 F1 Score: 0.306644
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707440 Accuracy: 0.714850 F1 Score: 0.306519
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707519 Accuracy: 0.714806 F1 Score: 0.306447
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707159 Accuracy: 0.714964 F1 Score: 0.306459
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706852 Accuracy: 0.715222 F1 Score: 0.306496
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706918 Accuracy: 0.715076 F1 Score: 0.306415
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707131 Accuracy: 0.714932 F1 Score: 0.306810
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707217 Accuracy: 0.714888 F1 Score: 0.306754
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707617 Accuracy: 0.714643 F1 Score: 0.307014
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707158 Accuracy: 0.714900 F1 Score: 0.307051
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708111 Accuracy: 0.714357 F1 Score: 0.306865
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707932 Accuracy: 0.714314 F1 Score: 0.306841
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708357 Accuracy: 0.714072 F1 Score: 0.306718
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708276 Accuracy: 0.714130 F1 Score: 0.306688
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708111 Accuracy: 0.714187 F1 Score: 0.306658
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707856 Accuracy: 0.714342 F1 Score: 0.306654
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707812 Accuracy: 0.714300 F1 Score: 0.306583
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708289 Accuracy: 0.714060 F1 Score: 0.306477
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708073 Accuracy: 0.714215 F1 Score: 0.306473
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708025 Accuracy: 0.714272 F1 Score: 0.306429
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707837 Accuracy: 0.714328 F1 Score: 0.306384
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707890 Accuracy: 0.714384 F1 Score: 0.306340
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708297 Accuracy: 0.714146 F1 Score: 0.306220
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709054 Accuracy: 0.713811 F1 Score: 0.306030
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709237 Accuracy: 0.713770 F1 Score: 0.305976
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708968 Accuracy: 0.713924 F1 Score: 0.306003
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708825 Accuracy: 0.713980 F1 Score: 0.305990
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708548 Accuracy: 0.714133 F1 Score: 0.306463
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708556 Accuracy: 0.714092 F1 Score: 0.306440
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708598 Accuracy: 0.714147 F1 Score: 0.306411
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708359 Accuracy: 0.714300 F1 Score: 0.306422
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708252 Accuracy: 0.714258 F1 Score: 0.306384
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708250 Accuracy: 0.714410 F1 Score: 0.306381
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708329 Accuracy: 0.714272 F1 Score: 0.306302
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708072 Accuracy: 0.714423 F1 Score: 0.306314
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708063 Accuracy: 0.714382 F1 Score: 0.306246
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707808 Accuracy: 0.714532 F1 Score: 0.306242
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707806 Accuracy: 0.714395 F1 Score: 0.306180
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707860 Accuracy: 0.714354 F1 Score: 0.306142
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707972 Accuracy: 0.714313 F1 Score: 0.306090
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707757 Accuracy: 0.714367 F1 Score: 0.306062
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707309 Accuracy: 0.714612 F1 Score: 0.306113
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707524 Accuracy: 0.714381 F1 Score: 0.305997
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707403 Accuracy: 0.714530 F1 Score: 0.306475
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707452 Accuracy: 0.714489 F1 Score: 0.306422
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707248 Accuracy: 0.714637 F1 Score: 0.306434
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707404 Accuracy: 0.714596 F1 Score: 0.306381
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707225 Accuracy: 0.714649 F1 Score: 0.306353
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707332 Accuracy: 0.714514 F1 Score: 0.306277
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707304 Accuracy: 0.714568 F1 Score: 0.306234
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707106 Accuracy: 0.714621 F1 Score: 0.306206
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707133 Accuracy: 0.714580 F1 Score: 0.306155
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707106 Accuracy: 0.714540 F1 Score: 0.306118
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707584 Accuracy: 0.714312 F1 Score: 0.306018
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707940 Accuracy: 0.714179 F1 Score: 0.306299
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708166 Accuracy: 0.713953 F1 Score: 0.306199
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707936 Accuracy: 0.714100 F1 Score: 0.306639
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707588 Accuracy: 0.714339 F1 Score: 0.306688
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707189 Accuracy: 0.714577 F1 Score: 0.306723
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.706975 Accuracy: 0.714630 F1 Score: 0.306680
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707515 Accuracy: 0.714312 F1 Score: 0.306542
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707642 Accuracy: 0.714365 F1 Score: 0.306500
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707808 Accuracy: 0.714233 F1 Score: 0.306425
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708386 Accuracy: 0.713918 F1 Score: 0.306245
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708541 Accuracy: 0.713879 F1 Score: 0.306209
```

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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708779 Accuracy: 0.713748 F1 Score: 0.306570
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708671 Accuracy: 0.713893 F1 Score: 0.306581
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708876 Accuracy: 0.713763 F1 Score: 0.306506
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709073 Accuracy: 0.713633 F1 Score: 0.306865
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708748 Accuracy: 0.713869 F1 Score: 0.306914
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709055 Accuracy: 0.713739 F1 Score: 0.306810
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709227 Accuracy: 0.713701 F1 Score: 0.306715
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709049 Accuracy: 0.713844 F1 Score: 0.306697
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708750 Accuracy: 0.714078 F1 Score: 0.306745
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709200 Accuracy: 0.713949 F1 Score: 0.307003
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709152 Accuracy: 0.713911 F1 Score: 0.306966
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709193 Accuracy: 0.713963 F1 Score: 0.306924
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708891 Accuracy: 0.714105 F1 Score: 0.306921
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708860 Accuracy: 0.714067 F1 Score: 0.306856
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708670 Accuracy: 0.714119 F1 Score: 0.306857
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708885 Accuracy: 0.714080 F1 Score: 0.306807
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709118 Accuracy: 0.713953 F1 Score: 0.306733
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709328 Accuracy: 0.713825 F1 Score: 0.306646
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709424 Accuracy: 0.713788 F1 Score: 0.306582
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708997 Accuracy: 0.714107 F1 Score: 0.306653
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709088 Accuracy: 0.714069 F1 Score: 0.306590
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709583 Accuracy: 0.713675 F1 Score: 0.306813
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709718 Accuracy: 0.713638 F1 Score: 0.306764
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709485 Accuracy: 0.713690 F1 Score: 0.307101
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709152 Accuracy: 0.713918 F1 Score: 0.307134
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709382 Accuracy: 0.713792 F1 Score: 0.307061
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709256 Accuracy: 0.713932 F1 Score: 0.307070
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709591 Accuracy: 0.713718 F1 Score: 0.306961
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709354 Accuracy: 0.713946 F1 Score: 0.306981
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709238 Accuracy: 0.713908 F1 Score: 0.306944
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709489 Accuracy: 0.713695 F1 Score: 0.306835
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709383 Accuracy: 0.713746 F1 Score: 0.306809
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709492 Accuracy: 0.713622 F1 Score: 0.307153
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709569 Accuracy: 0.713673 F1 Score: 0.307444
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709610 Accuracy: 0.713636 F1 Score: 0.307394
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709766 Accuracy: 0.713513 F1 Score: 0.307347
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710426 Accuracy: 0.713040 F1 Score: 0.307143
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710323 Accuracy: 0.712918 F1 Score: 0.307044
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710249 Accuracy: 0.712969 F1 Score: 0.307416
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710280 Accuracy: 0.712934 F1 Score: 0.307354
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710484 Accuracy: 0.712899 F1 Score: 0.307291
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710687 Accuracy: 0.712777 F1 Score: 0.307206
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710895 Accuracy: 0.712742 F1 Score: 0.307144
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711476 Accuracy: 0.712448 F1 Score: 0.306988
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711519 Accuracy: 0.712414 F1 Score: 0.306953
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711687 Accuracy: 0.712293 F1 Score: 0.306869
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711614 Accuracy: 0.712431 F1 Score: 0.306866
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711407 Accuracy: 0.712483 F1 Score: 0.306841
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711739 Accuracy: 0.712277 F1 Score: 0.306761
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711533 Accuracy: 0.712414 F1 Score: 0.306783
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711922 Accuracy: 0.712295 F1 Score: 0.307103
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711463 Accuracy: 0.712602 F1 Score: 0.307158
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711780 Accuracy: 0.712227 F1 Score: 0.307033
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711448 Accuracy: 0.712449 F1 Score: 0.307065
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711662 Accuracy: 0.712415 F1 Score: 0.307004
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711703 Accuracy: 0.712466 F1 Score: 0.307366
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711151 Accuracy: 0.712771 F1 Score: 0.307433
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711565 Accuracy: 0.712483 F1 Score: 0.307292
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711640 Accuracy: 0.712449 F1 Score: 0.307257
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711623 Accuracy: 0.712500 F1 Score: 0.307219
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711753 Accuracy: 0.712382 F1 Score: 0.307162
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711809 Accuracy: 0.712348 F1 Score: 0.307114
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712266 Accuracy: 0.712063 F1 Score: 0.306949
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711931 Accuracy: 0.712366 F1 Score: 0.307004
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.712047 Accuracy: 0.712248 F1 Score: 0.306947
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711923 Accuracy: 0.712215 F1 Score: 0.306913
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711764 Accuracy: 0.712182 F1 Score: 0.306891
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711550 Accuracy: 0.712400 F1 Score: 0.306911
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711474 Accuracy: 0.712450 F1 Score: 0.306886
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711553 Accuracy: 0.712500 F1 Score: 0.306849
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711257 Accuracy: 0.712716 F1 Score: 0.306868
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710951 Accuracy: 0.712932 F1 Score: 0.306912
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710832 Accuracy: 0.712981 F1 Score: 0.306887
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711107 Accuracy: 0.712948 F1 Score: 0.306816
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711197 Accuracy: 0.712831 F1 Score: 0.306736
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710999 Accuracy: 0.712963 F1 Score: 0.307147
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711139 Accuracy: 0.712929 F1 Score: 0.307126
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710934 Accuracy: 0.713061 F1 Score: 0.307523
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710976 Accuracy: 0.713027 F1 Score: 0.307489
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710635 Accuracy: 0.713240 F1 Score: 0.307520
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710457 Accuracy: 0.713371 F1 Score: 0.307529
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710335 Accuracy: 0.713419 F1 Score: 0.307504
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710676 Accuracy: 0.713303 F1 Score: 0.307423
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710737 Accuracy: 0.713269 F1 Score: 0.307377
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710764 Accuracy: 0.713235 F1 Score: 0.307330
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710500 Accuracy: 0.713283 F1 Score: 0.307318
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711036 Accuracy: 0.713087 F1 Score: 0.307191
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711004 Accuracy: 0.713053 F1 Score: 0.307158
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710556 Accuracy: 0.713345 F1 Score: 0.307210
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711126 Accuracy: 0.713068 F1 Score: 0.307087
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711298 Accuracy: 0.713035 F1 Score: 0.307042
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711422 Accuracy: 0.712921 F1 Score: 0.306975
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711224 Accuracy: 0.712969 F1 Score: 0.306963
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711190 Accuracy: 0.712936 F1 Score: 0.306918
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711748 Accuracy: 0.712661 F1 Score: 0.306784
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711528 Accuracy: 0.712709 F1 Score: 0.306785
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711482 Accuracy: 0.712677 F1 Score: 0.306753
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711488 Accuracy: 0.712725 F1 Score: 0.306741
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711453 Accuracy: 0.712773 F1 Score: 0.306717
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711354 Accuracy: 0.712821 F1 Score: 0.306718
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711552 Accuracy: 0.712708 F1 Score: 0.306652
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711452 Accuracy: 0.712756 F1 Score: 0.306629
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711316 Accuracy: 0.712883 F1 Score: 0.306651
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710911 Accuracy: 0.713090 F1 Score: 0.306681
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711069 Accuracy: 0.713057 F1 Score: 0.306612
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710826 Accuracy: 0.713184 F1 Score: 0.306634
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710429 Accuracy: 0.713469 F1 Score: 0.306697
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710512 Accuracy: 0.713357 F1 Score: 0.306656
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710307 Accuracy: 0.713403 F1 Score: 0.306645
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710023 Accuracy: 0.713528 F1 Score: 0.306654
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709449 Accuracy: 0.713891 F1 Score: 0.306737
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709409 Accuracy: 0.713778 F1 Score: 0.306672
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709817 Accuracy: 0.713588 F1 Score: 0.306873
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709854 Accuracy: 0.713476 F1 Score: 0.306808
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709786 Accuracy: 0.713522 F1 Score: 0.307171
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710014 Accuracy: 0.713254 F1 Score: 0.307040
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710072 Accuracy: 0.713221 F1 Score: 0.307008
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709937 Accuracy: 0.713346 F1 Score: 0.307029
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709863 Accuracy: 0.713392 F1 Score: 0.307005
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709889 Accuracy: 0.713359 F1 Score: 0.306949
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710077 Accuracy: 0.713327 F1 Score: 0.306905
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709876 Accuracy: 0.713451 F1 Score: 0.306926
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709518 Accuracy: 0.713652 F1 Score: 0.306967
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709412 Accuracy: 0.713697 F1 Score: 0.307302
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709174 Accuracy: 0.713820 F1 Score: 0.307311
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709317 Accuracy: 0.713710 F1 Score: 0.307234
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710127 Accuracy: 0.713213 F1 Score: 0.307020
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709927 Accuracy: 0.713335 F1 Score: 0.307029
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710014 Accuracy: 0.713226 F1 Score: 0.306989
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710088 Accuracy: 0.713194 F1 Score: 0.306957
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709686 Accuracy: 0.713394 F1 Score: 0.306998
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709733 Accuracy: 0.713439 F1 Score: 0.307265
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709771 Accuracy: 0.713253 F1 Score: 0.307204
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709834 Accuracy: 0.713222 F1 Score: 0.307172
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710119 Accuracy: 0.713190 F1 Score: 0.307105
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710197 Accuracy: 0.713159 F1 Score: 0.307026
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710235 Accuracy: 0.713127 F1 Score: 0.306983
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710190 Accuracy: 0.713020 F1 Score: 0.306943
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709831 Accuracy: 0.713294 F1 Score: 0.307003
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709838 Accuracy: 0.713110 F1 Score: 0.306931
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709821 Accuracy: 0.713155 F1 Score: 0.306908
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Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710094 Accuracy: 0.713047 F1 Score: 0.306822
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709841 Accuracy: 0.713168 F1 Score: 0.306843
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709848 Accuracy: 0.713137 F1 Score: 0.306800
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709822 Accuracy: 0.713106 F1 Score: 0.306757
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709993 Accuracy: 0.712999 F1 Score: 0.306695
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709961 Accuracy: 0.713044 F1 Score: 0.306683
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709716 Accuracy: 0.713089 F1 Score: 0.306684
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709603 Accuracy: 0.713209 F1 Score: 0.306681
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709511 Accuracy: 0.713253 F1 Score: 0.306681
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709482 Accuracy: 0.713222 F1 Score: 0.306628
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709245 Accuracy: 0.713416 F1 Score: 0.306645
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709403 Accuracy: 0.713310 F1 Score: 0.306594
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709852 Accuracy: 0.713055 F1 Score: 0.306459
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709595 Accuracy: 0.713174 F1 Score: 0.306468
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709854 Accuracy: 0.712993 F1 Score: 0.306656
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709930 Accuracy: 0.712963 F1 Score: 0.307352
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709576 Accuracy: 0.713231 F1 Score: 0.307400
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709504 Accuracy: 0.713275 F1 Score: 0.307377
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709150 Accuracy: 0.713393 F1 Score: 0.307385
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709454 Accuracy: 0.713288 F1 Score: 0.307288
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709488 Accuracy: 0.713183 F1 Score: 0.307215
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709359 Accuracy: 0.713227 F1 Score: 0.307203
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708998 Accuracy: 0.713418 F1 Score: 0.307243
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709099 Accuracy: 0.713462 F1 Score: 0.307209
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709033 Accuracy: 0.713505 F1 Score: 0.307551
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709022 Accuracy: 0.713474 F1 Score: 0.307520
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708647 Accuracy: 0.713665 F1 Score: 0.307559
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709091 Accuracy: 0.713413 F1 Score: 0.307423
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709184 Accuracy: 0.713382 F1 Score: 0.307370
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708933 Accuracy: 0.713572 F1 Score: 0.307397
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709132 Accuracy: 0.713395 F1 Score: 0.307305
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708942 Accuracy: 0.713584 F1 Score: 0.307333
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708664 Accuracy: 0.713773 F1 Score: 0.307360
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708524 Accuracy: 0.713889 F1 Score: 0.307368
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708655 Accuracy: 0.713858 F1 Score: 0.307315
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708913 Accuracy: 0.713681 F1 Score: 0.307476
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709110 Accuracy: 0.713651 F1 Score: 0.307434
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709491 Accuracy: 0.713475 F1 Score: 0.307353
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709730 Accuracy: 0.713372 F1 Score: 0.307565
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710098 Accuracy: 0.713124 F1 Score: 0.307443
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710199 Accuracy: 0.713095 F1 Score: 0.307380
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709851 Accuracy: 0.713355 F1 Score: 0.307427
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709975 Accuracy: 0.713252 F1 Score: 0.307345
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709859 Accuracy: 0.713367 F1 Score: 0.307342
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710175 Accuracy: 0.713265 F1 Score: 0.307271
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710330 Accuracy: 0.713235 F1 Score: 0.307240
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710303 Accuracy: 0.713278 F1 Score: 0.307208
```

```
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710216 Accuracy: 0.713320 F1 Score: 0.307207
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710054 Accuracy: 0.713434 F1 Score: 0.307225
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710031 Accuracy: 0.713404 F1 Score: 0.307195
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710259 Accuracy: 0.713231 F1 Score: 0.307095
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710198 Accuracy: 0.713345 F1 Score: 0.307103
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710292 Accuracy: 0.713315 F1 Score: 0.307052
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710323 Accuracy: 0.713286 F1 Score: 0.307011
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710223 Accuracy: 0.713399 F1 Score: 0.307297
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710353 Accuracy: 0.713369 F1 Score: 0.307236
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709833 Accuracy: 0.713696 F1 Score: 0.307311
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709979 Accuracy: 0.713595 F1 Score: 0.307251
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710391 Accuracy: 0.713281 F1 Score: 0.307124
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710491 Accuracy: 0.713252 F1 Score: 0.307084
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710614 Accuracy: 0.713223 F1 Score: 0.307309
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710858 Accuracy: 0.713123 F1 Score: 0.307219
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710621 Accuracy: 0.713235 F1 Score: 0.307575
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710430 Accuracy: 0.713347 F1 Score: 0.307572
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710517 Accuracy: 0.713318 F1 Score: 0.307532
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710721 Accuracy: 0.713219 F1 Score: 0.307452
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.711094 Accuracy: 0.712979 F1 Score: 0.307355
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710926 Accuracy: 0.713091 F1 Score: 0.307362
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710625 Accuracy: 0.713272 F1 Score: 0.307399
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710394 Accuracy: 0.713454 F1 Score: 0.307760
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710276 Accuracy: 0.713495 F1 Score: 0.307739
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710260 Accuracy: 0.713466 F1 Score: 0.307718
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710037 Accuracy: 0.713507 F1 Score: 0.307717
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709868 Accuracy: 0.713547 F1 Score: 0.307706
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710043 Accuracy: 0.713449 F1 Score: 0.307636
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710058 Accuracy: 0.713420 F1 Score: 0.307596
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709937 Accuracy: 0.713460 F1 Score: 0.307928
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709845 Accuracy: 0.713501 F1 Score: 0.307896
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710015 Accuracy: 0.713403 F1 Score: 0.307806
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710105 Accuracy: 0.713305 F1 Score: 0.307727
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710168 Accuracy: 0.713207 F1 Score: 0.307678
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710039 Accuracy: 0.713317 F1 Score: 0.307696
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710360 Accuracy: 0.713219 F1 Score: 0.307617
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710197 Accuracy: 0.713260 F1 Score: 0.307616
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710306 Accuracy: 0.713231 F1 Score: 0.307566
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710326 Accuracy: 0.713203 F1 Score: 0.307536
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710194 Accuracy: 0.713312 F1 Score: 0.307544
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709971 Accuracy: 0.713421 F1 Score: 0.307551
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709937 Accuracy: 0.713462 F1 Score: 0.307858
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709610 Accuracy: 0.713639 F1 Score: 0.307894
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709524 Accuracy: 0.713679 F1 Score: 0.307893
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709475 Accuracy: 0.713719 F1 Score: 0.307861
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709537 Accuracy: 0.713621 F1 Score: 0.307793
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710159 Accuracy: 0.713388 F1 Score: 0.307658
```

```
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710158 Accuracy: 0.713428 F1 Score: 0.307627
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710265 Accuracy: 0.713263 F1 Score: 0.307551
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710295 Accuracy: 0.713235 F1 Score: 0.307502
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709954 Accuracy: 0.713411 F1 Score: 0.307537
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709938 Accuracy: 0.713451 F1 Score: 0.307526
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709783 Accuracy: 0.713559 F1 Score: 0.307533
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710000 Accuracy: 0.713530 F1 Score: 0.307474
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709890 Accuracy: 0.713502 F1 Score: 0.307445
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710079 Accuracy: 0.713339 F1 Score: 0.307370
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.710224 Accuracy: 0.713311 F1 Score: 0.307312
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709898 Accuracy: 0.713553 F1 Score: 0.307365
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709874 Accuracy: 0.713592 F1 Score: 0.307345
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709509 Accuracy: 0.713834 F1 Score: 0.307398
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709436 Accuracy: 0.713940 F1 Score: 0.307727
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709706 Accuracy: 0.713777 F1 Score: 0.307642
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709575 Accuracy: 0.713816 F1 Score: 0.307631
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709654 Accuracy: 0.713720 F1 Score: 0.307836
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709794 Accuracy: 0.713625 F1 Score: 0.307759
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709608 Accuracy: 0.713798 F1 Score: 0.307784
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709593 Accuracy: 0.713837 F1 Score: 0.307753
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709339 Accuracy: 0.713942 F1 Score: 0.307770
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709464 Accuracy: 0.713914 F1 Score: 0.307731
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709502 Accuracy: 0.713886 F1 Score: 0.307683
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709396 Accuracy: 0.713924 F1 Score: 0.307672
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709327 Accuracy: 0.713963 F1 Score: 0.307651
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709525 Accuracy: 0.713868 F1 Score: 0.307586
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709415 Accuracy: 0.713973 F1 Score: 0.307583
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709668 Accuracy: 0.713879 F1 Score: 0.307498
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709342 Accuracy: 0.714049 F1 Score: 0.307532
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709454 Accuracy: 0.713889 F1 Score: 0.307449
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709437 Accuracy: 0.713927 F1 Score: 0.307438
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709456 Accuracy: 0.713965 F1 Score: 0.307428
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709115 Accuracy: 0.714135 F1 Score: 0.307462
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708915 Accuracy: 0.714305 F1 Score: 0.307486
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708609 Accuracy: 0.714474 F1 Score: 0.307520
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708881 Accuracy: 0.714248 F1 Score: 0.307429
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708903 Accuracy: 0.714286 F1 Score: 0.307390
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708930 Accuracy: 0.714192 F1 Score: 0.307344
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709128 Accuracy: 0.714033 F1 Score: 0.307272
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708899 Accuracy: 0.714202 F1 Score: 0.307306
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708654 Accuracy: 0.714304 F1 Score: 0.307313
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708280 Accuracy: 0.714538 F1 Score: 0.307364
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708363 Accuracy: 0.714509 F1 Score: 0.307326
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708366 Accuracy: 0.714481 F1 Score: 0.307298
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708368 Accuracy: 0.714518 F1 Score: 0.307269
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708888 Accuracy: 0.714230 F1 Score: 0.307134
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708966 Accuracy: 0.714367 F1 Score: 0.307133
```
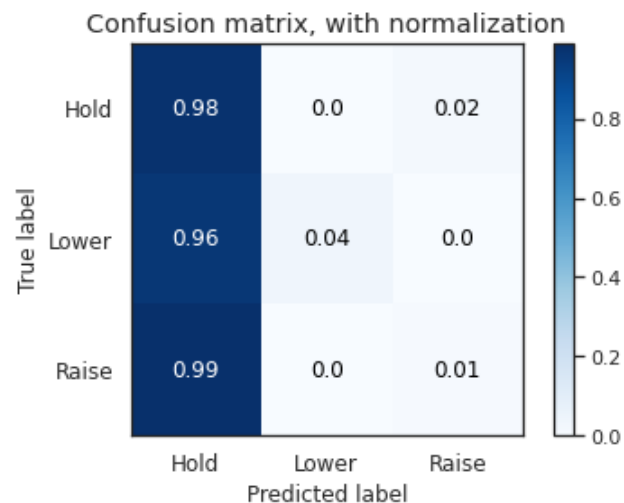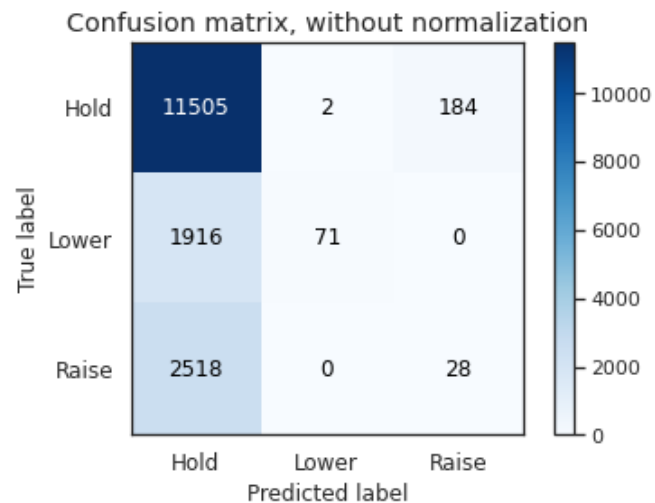
```
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708966 Accuracy: 0.714267 F1 Score: 0.307123
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708976 Accuracy: 0.714304 F1 Score: 0.307113
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709113 Accuracy: 0.714276 F1 Score: 0.307076
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709015 Accuracy: 0.714313 F1 Score: 0.307056
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708945 Accuracy: 0.714350 F1 Score: 0.307046
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708909 Accuracy: 0.714387 F1 Score: 0.307017
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708839 Accuracy: 0.714489 F1 Score: 0.307015
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708901 Accuracy: 0.714461 F1 Score: 0.306987
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708863 Accuracy: 0.714497 F1 Score: 0.306968
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708658 Accuracy: 0.714598 F1 Score: 0.306975
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708462 Accuracy: 0.714763 F1 Score: 0.306989
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708301 Accuracy: 0.714800 F1 Score: 0.306979
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708300 Accuracy: 0.714836 F1 Score: 0.307211
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708320 Accuracy: 0.714744 F1 Score: 0.307157
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708353 Accuracy: 0.714716 F1 Score: 0.307129
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708767 Accuracy: 0.714496 F1 Score: 0.307023
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708924 Accuracy: 0.714404 F1 Score: 0.306942
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708754 Accuracy: 0.714505 F1 Score: 0.307257
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708896 Accuracy: 0.714477 F1 Score: 0.307442
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708896 Accuracy: 0.714513 F1 Score: 0.307431
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708704 Accuracy: 0.714613 F1 Score: 0.307447
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708560 Accuracy: 0.714649 F1 Score: 0.307742
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708670 Accuracy: 0.714558 F1 Score: 0.307688
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708920 Accuracy: 0.714340 F1 Score: 0.307582
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708843 Accuracy: 0.714440 F1 Score: 0.307570
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708936 Accuracy: 0.714412 F1 Score: 0.307534
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708653 Accuracy: 0.714575 F1 Score: 0.307557
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708752 Accuracy: 0.714548 F1 Score: 0.307512
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708777 Accuracy: 0.714520 F1 Score: 0.307475
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708911 Accuracy: 0.714430 F1 Score: 0.307707
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709228 Accuracy: 0.714277 F1 Score: 0.307618
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709132 Accuracy: 0.714313 F1 Score: 0.307608
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708777 Accuracy: 0.714537 F1 Score: 0.307657
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708883 Accuracy: 0.714447 F1 Score: 0.307604
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709076 Accuracy: 0.714357 F1 Score: 0.307533
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709041 Accuracy: 0.714330 F1 Score: 0.307505
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708946 Accuracy: 0.714366 F1 Score: 0.307495
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.709017 Accuracy: 0.714277 F1 Score: 0.307433
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708895 Accuracy: 0.714375 F1 Score: 0.307431
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708765 Accuracy: 0.714473 F1 Score: 0.307437
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708698 Accuracy: 0.714508 F1 Score: 0.307427
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708943 Accuracy: 0.714357 F1 Score: 0.307340
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708718 Accuracy: 0.714517 F1 Score: 0.307363
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708907 Accuracy: 0.714428 F1 Score: 0.307302
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708534 Accuracy: 0.714650 F1 Score: 0.307350
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708569 Accuracy: 0.714623 F1 Score: 0.307306
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708702 Accuracy: 0.714596 F1 Score: 0.307262
```

```
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708417 Accuracy: 0.714755 F1 Score: 0.307293
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708433 Accuracy: 0.714728 F1 Score: 0.307266
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708230 Accuracy: 0.714886 F1 Score: 0.307289
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.708066 Accuracy: 0.714983 F1 Score: 0.307305
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707709 Accuracy: 0.715202 F1 Score: 0.307353
Epoch: 1/3... Step: 3800... Loss: 0.755190... Val Loss: 0.707611 Accuracy: 0.715237 F1 Score: 0.307342
3800 steps in epoch 1

Epoch: 1, Average Accuracy: 0.71523669, Average f1: 0.30734235

<Figure size 432x288 with 0 Axes>
```

Confusion matrix, without normalization

Confusion matrix, with normalization


```
Starting epoch 2
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.768945 Accuracy: 0.625000 F1 Score: 0.256410
```

```
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.632454 Accuracy: 0.718750 F1 Score: 0.278788
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.739053 Accuracy: 0.645833 F1 Score: 0.261603
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.699429 Accuracy: 0.671875 F1 Score: 0.267913
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694667 Accuracy: 0.687500 F1 Score: 0.271605
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.713661 Accuracy: 0.687500 F1 Score: 0.322115
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.713622 Accuracy: 0.687500 F1 Score: 0.315389
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.714903 Accuracy: 0.695312 F1 Score: 0.312084
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.722814 Accuracy: 0.687500 F1 Score: 0.310308
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.729221 Accuracy: 0.687500 F1 Score: 0.306232
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.737437 Accuracy: 0.687500 F1 Score: 0.302932
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.716418 Accuracy: 0.692708 F1 Score: 0.304192
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.715684 Accuracy: 0.697115 F1 Score: 0.301282
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.705927 Accuracy: 0.700893 F1 Score: 0.301073
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.719931 Accuracy: 0.695833 F1 Score: 0.297061
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.712759 Accuracy: 0.695312 F1 Score: 0.296958
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.717780 Accuracy: 0.691176 F1 Score: 0.293703
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.712106 Accuracy: 0.690972 F1 Score: 0.293670
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.741453 Accuracy: 0.674342 F1 Score: 0.287292
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.745845 Accuracy: 0.675000 F1 Score: 0.285958
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.740800 Accuracy: 0.678571 F1 Score: 0.286370
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.752959 Accuracy: 0.670455 F1 Score: 0.283222
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.738485 Accuracy: 0.679348 F1 Score: 0.285354
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.741064 Accuracy: 0.679688 F1 Score: 0.292316
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.731208 Accuracy: 0.687500 F1 Score: 0.306861
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.718820 Accuracy: 0.694712 F1 Score: 0.307918
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.721275 Accuracy: 0.689815 F1 Score: 0.305273
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.717980 Accuracy: 0.689732 F1 Score: 0.304447
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.711993 Accuracy: 0.693966 F1 Score: 0.304433
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.710761 Accuracy: 0.693750 F1 Score: 0.303297
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.707178 Accuracy: 0.695565 F1 Score: 0.302455
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.702141 Accuracy: 0.697266 F1 Score: 0.302288
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.709538 Accuracy: 0.693182 F1 Score: 0.300036
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.708731 Accuracy: 0.694853 F1 Score: 0.299932
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.711346 Accuracy: 0.694643 F1 Score: 0.299096
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.710639 Accuracy: 0.694444 F1 Score: 0.298550
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.701321 Accuracy: 0.701014 F1 Score: 0.299797
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694559 Accuracy: 0.705592 F1 Score: 0.300532
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.699952 Accuracy: 0.703526 F1 Score: 0.304257
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.698055 Accuracy: 0.704688 F1 Score: 0.304020
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692814 Accuracy: 0.707317 F1 Score: 0.304379
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692190 Accuracy: 0.708333 F1 Score: 0.308851
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.700524 Accuracy: 0.703488 F1 Score: 0.306312
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693112 Accuracy: 0.707386 F1 Score: 0.306913
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695070 Accuracy: 0.706944 F1 Score: 0.306028
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.699539 Accuracy: 0.706522 F1 Score: 0.305193
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.700242 Accuracy: 0.706117 F1 Score: 0.304403
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693998 Accuracy: 0.710938 F1 Score: 0.312060
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694132 Accuracy: 0.711735 F1 Score: 0.311730
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696624 Accuracy: 0.711250 F1 Score: 0.310792
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.703860 Accuracy: 0.707108 F1 Score: 0.308781
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.706229 Accuracy: 0.705529 F1 Score: 0.307593
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.700333 Accuracy: 0.709906 F1 Score: 0.314375
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695334 Accuracy: 0.712963 F1 Score: 0.314769
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.698835 Accuracy: 0.711364 F1 Score: 0.313487
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695752 Accuracy: 0.713170 F1 Score: 0.313399
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694247 Accuracy: 0.714912 F1 Score: 0.313186
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694735 Accuracy: 0.713362 F1 Score: 0.312256
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.701555 Accuracy: 0.709746 F1 Score: 0.310493
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.699733 Accuracy: 0.709375 F1 Score: 0.309839
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695469 Accuracy: 0.712090 F1 Score: 0.310114
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693454 Accuracy: 0.713710 F1 Score: 0.310079
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695700 Accuracy: 0.712302 F1 Score: 0.308876
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.699003 Accuracy: 0.709961 F1 Score: 0.307714
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696159 Accuracy: 0.711538 F1 Score: 0.307899
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692015 Accuracy: 0.714962 F1 Score: 0.308539
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694262 Accuracy: 0.714552 F1 Score: 0.316730
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693718 Accuracy: 0.715074 F1 Score: 0.316481
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696871 Accuracy: 0.714674 F1 Score: 0.315693
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696864 Accuracy: 0.715179 F1 Score: 0.315460
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697514 Accuracy: 0.715669 F1 Score: 0.315097
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696020 Accuracy: 0.717882 F1 Score: 0.315244
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697231 Accuracy: 0.718322 F1 Score: 0.314769
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694459 Accuracy: 0.719595 F1 Score: 0.314910
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692234 Accuracy: 0.720833 F1 Score: 0.315048
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692847 Accuracy: 0.720395 F1 Score: 0.318354
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695418 Accuracy: 0.717532 F1 Score: 0.320959
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694565 Accuracy: 0.718750 F1 Score: 0.320623
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693736 Accuracy: 0.719146 F1 Score: 0.320230
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692679 Accuracy: 0.719531 F1 Score: 0.319846
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690735 Accuracy: 0.721451 F1 Score: 0.322978
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689578 Accuracy: 0.722561 F1 Score: 0.322805
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689430 Accuracy: 0.722892 F1 Score: 0.322407
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.687072 Accuracy: 0.724702 F1 Score: 0.322465
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.686062 Accuracy: 0.725000 F1 Score: 0.322078
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.687183 Accuracy: 0.724564 F1 Score: 0.321483
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688957 Accuracy: 0.723420 F1 Score: 0.320573
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690237 Accuracy: 0.721591 F1 Score: 0.319702
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688795 Accuracy: 0.722612 F1 Score: 0.319798
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688708 Accuracy: 0.722222 F1 Score: 0.319253
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690018 Accuracy: 0.721841 F1 Score: 0.318721
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689160 Accuracy: 0.722826 F1 Score: 0.318707
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688595 Accuracy: 0.722446 F1 Score: 0.318191
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.686991 Accuracy: 0.723404 F1 Score: 0.318178
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688456 Accuracy: 0.723026 F1 Score: 0.317677
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688908 Accuracy: 0.722005 F1 Score: 0.316998
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691033 Accuracy: 0.720361 F1 Score: 0.315949
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689383 Accuracy: 0.720663 F1 Score: 0.318160
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.687235 Accuracy: 0.722222 F1 Score: 0.318338
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.687913 Accuracy: 0.721875 F1 Score: 0.320841
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691686 Accuracy: 0.719678 F1 Score: 0.319500
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691994 Accuracy: 0.718750 F1 Score: 0.321892
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691712 Accuracy: 0.719660 F1 Score: 0.321763
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690908 Accuracy: 0.720553 F1 Score: 0.324395
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690143 Accuracy: 0.720833 F1 Score: 0.324070
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689742 Accuracy: 0.721108 F1 Score: 0.323640
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693369 Accuracy: 0.719042 F1 Score: 0.322318
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692874 Accuracy: 0.719907 F1 Score: 0.322096
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694424 Accuracy: 0.719037 F1 Score: 0.321272
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695399 Accuracy: 0.718182 F1 Score: 0.320657
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697033 Accuracy: 0.717342 F1 Score: 0.319871
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696786 Accuracy: 0.718192 F1 Score: 0.319778
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695831 Accuracy: 0.718473 F1 Score: 0.322056
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695226 Accuracy: 0.718202 F1 Score: 0.321719
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694036 Accuracy: 0.719022 F1 Score: 0.321803
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692544 Accuracy: 0.719828 F1 Score: 0.321887
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692670 Accuracy: 0.719551 F1 Score: 0.321461
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692200 Accuracy: 0.719809 F1 Score: 0.321102
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693092 Accuracy: 0.718487 F1 Score: 0.320383
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690524 Accuracy: 0.719792 F1 Score: 0.320528
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690423 Accuracy: 0.720041 F1 Score: 0.320367
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689278 Accuracy: 0.720799 F1 Score: 0.320357
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690321 Accuracy: 0.721037 F1 Score: 0.320020
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691542 Accuracy: 0.719758 F1 Score: 0.319252
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692130 Accuracy: 0.719000 F1 Score: 0.321171
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694818 Accuracy: 0.717262 F1 Score: 0.320260
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694001 Accuracy: 0.718012 F1 Score: 0.320257
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695317 Accuracy: 0.716797 F1 Score: 0.319602
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696775 Accuracy: 0.716570 F1 Score: 0.319234
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.698246 Accuracy: 0.715385 F1 Score: 0.320298
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696943 Accuracy: 0.715649 F1 Score: 0.320238
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697611 Accuracy: 0.714962 F1 Score: 0.319734
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696578 Accuracy: 0.715226 F1 Score: 0.319679
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.698018 Accuracy: 0.714552 F1 Score: 0.318941
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697416 Accuracy: 0.714815 F1 Score: 0.318889
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697442 Accuracy: 0.714154 F1 Score: 0.320504
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697285 Accuracy: 0.713960 F1 Score: 0.320152
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695747 Accuracy: 0.714674 F1 Score: 0.320067
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694752 Accuracy: 0.715378 F1 Score: 0.322100
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693728 Accuracy: 0.716071 F1 Score: 0.322093
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693327 Accuracy: 0.716312 F1 Score: 0.321956
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694748 Accuracy: 0.715229 F1 Score: 0.321263
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694911 Accuracy: 0.715472 F1 Score: 0.320875
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694360 Accuracy: 0.716146 F1 Score: 0.322397
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692741 Accuracy: 0.717672 F1 Score: 0.322642
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691963 Accuracy: 0.717894 F1 Score: 0.322422
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690809 Accuracy: 0.718112 F1 Score: 0.323928
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691949 Accuracy: 0.717483 F1 Score: 0.323446
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690263 Accuracy: 0.718121 F1 Score: 0.323500
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689107 Accuracy: 0.719167 F1 Score: 0.323607
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.687950 Accuracy: 0.719785 F1 Score: 0.323585
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689235 Accuracy: 0.718750 F1 Score: 0.323064
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688603 Accuracy: 0.719363 F1 Score: 0.323044
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688023 Accuracy: 0.720373 F1 Score: 0.323075
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688578 Accuracy: 0.720161 F1 Score: 0.324535
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688526 Accuracy: 0.720353 F1 Score: 0.324315
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689044 Accuracy: 0.720143 F1 Score: 0.323833
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688003 Accuracy: 0.720728 F1 Score: 0.323740
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690817 Accuracy: 0.718947 F1 Score: 0.322868
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690134 Accuracy: 0.719531 F1 Score: 0.324361
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689047 Accuracy: 0.720497 F1 Score: 0.325819
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688069 Accuracy: 0.720679 F1 Score: 0.325728
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688514 Accuracy: 0.720475 F1 Score: 0.325455
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688658 Accuracy: 0.720655 F1 Score: 0.325120
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688739 Accuracy: 0.720455 F1 Score: 0.324792
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688422 Accuracy: 0.720633 F1 Score: 0.324646
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689648 Accuracy: 0.719686 F1 Score: 0.323973
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690898 Accuracy: 0.719122 F1 Score: 0.323428
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691991 Accuracy: 0.718195 F1 Score: 0.322888
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690560 Accuracy: 0.718750 F1 Score: 0.322926
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690172 Accuracy: 0.718933 F1 Score: 0.322793
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690414 Accuracy: 0.718750 F1 Score: 0.322438
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691310 Accuracy: 0.717124 F1 Score: 0.321805
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690637 Accuracy: 0.717672 F1 Score: 0.321792
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692071 Accuracy: 0.716786 F1 Score: 0.321172
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691672 Accuracy: 0.716619 F1 Score: 0.320889
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691264 Accuracy: 0.717514 F1 Score: 0.320988
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691013 Accuracy: 0.717697 F1 Score: 0.320923
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692813 Accuracy: 0.716830 F1 Score: 0.320272
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693592 Accuracy: 0.716667 F1 Score: 0.319897
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692310 Accuracy: 0.717196 F1 Score: 0.319841
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692812 Accuracy: 0.717033 F1 Score: 0.319623
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692834 Accuracy: 0.716872 F1 Score: 0.319359
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694161 Accuracy: 0.716372 F1 Score: 0.318945
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694773 Accuracy: 0.716216 F1 Score: 0.318736
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695533 Accuracy: 0.715726 F1 Score: 0.319845
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696377 Accuracy: 0.715575 F1 Score: 0.319638
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695715 Accuracy: 0.715426 F1 Score: 0.319382
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696537 Accuracy: 0.715278 F1 Score: 0.319079
```

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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695337 Accuracy: 0.715278 F1 Score: 0.319079
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695803 Accuracy: 0.716118 F1 Score: 0.319128
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695667 Accuracy: 0.716296 F1 Score: 0.319026
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695325 Accuracy: 0.716471 F1 Score: 0.318877
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695157 Accuracy: 0.716645 F1 Score: 0.318777
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694609 Accuracy: 0.716817 F1 Score: 0.318677
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695001 Accuracy: 0.716667 F1 Score: 0.318387
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694686 Accuracy: 0.716837 F1 Score: 0.318290
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695839 Accuracy: 0.716053 F1 Score: 0.317768
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695785 Accuracy: 0.715909 F1 Score: 0.317534
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694240 Accuracy: 0.716394 F1 Score: 0.317536
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696597 Accuracy: 0.715313 F1 Score: 0.316891
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697101 Accuracy: 0.714863 F1 Score: 0.316573
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696747 Accuracy: 0.715037 F1 Score: 0.316442
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696186 Accuracy: 0.715517 F1 Score: 0.316448
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696648 Accuracy: 0.715380 F1 Score: 0.316227
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696147 Accuracy: 0.715854 F1 Score: 0.316232
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695985 Accuracy: 0.716019 F1 Score: 0.316105
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694733 Accuracy: 0.716787 F1 Score: 0.316242
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694557 Accuracy: 0.716647 F1 Score: 0.316067
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694550 Accuracy: 0.716507 F1 Score: 0.315852
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695576 Accuracy: 0.716071 F1 Score: 0.315470
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695902 Accuracy: 0.715640 F1 Score: 0.315213
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696484 Accuracy: 0.715212 F1 Score: 0.314839
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696531 Accuracy: 0.715082 F1 Score: 0.314635
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696723 Accuracy: 0.714953 F1 Score: 0.314394
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695951 Accuracy: 0.715698 F1 Score: 0.315812
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694182 Accuracy: 0.717014 F1 Score: 0.316116
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695201 Accuracy: 0.716878 F1 Score: 0.315829
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696144 Accuracy: 0.716170 F1 Score: 0.315536
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696402 Accuracy: 0.716039 F1 Score: 0.315416
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695965 Accuracy: 0.716477 F1 Score: 0.315423
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696777 Accuracy: 0.715781 F1 Score: 0.314977
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696894 Accuracy: 0.715935 F1 Score: 0.314863
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697544 Accuracy: 0.715247 F1 Score: 0.314543
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697730 Accuracy: 0.715402 F1 Score: 0.315383
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697649 Accuracy: 0.715556 F1 Score: 0.315270
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696918 Accuracy: 0.715708 F1 Score: 0.315158
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696194 Accuracy: 0.716410 F1 Score: 0.315211
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695978 Accuracy: 0.716557 F1 Score: 0.315100
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696916 Accuracy: 0.715884 F1 Score: 0.314746
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696953 Accuracy: 0.716033 F1 Score: 0.314673
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696937 Accuracy: 0.715909 F1 Score: 0.314520
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697120 Accuracy: 0.716056 F1 Score: 0.314413
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.697137 Accuracy: 0.715933 F1 Score: 0.314227
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696486 Accuracy: 0.716079 F1 Score: 0.314157
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696168 Accuracy: 0.716223 F1 Score: 0.314052
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694843 Accuracy: 0.716896 F1 Score: 0.314173
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694751 Accuracy: 0.717036 F1 Score: 0.314103
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694431 Accuracy: 0.717174 F1 Score: 0.314033
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693430 Accuracy: 0.717573 F1 Score: 0.315293
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692069 Accuracy: 0.718229 F1 Score: 0.315411
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692011 Accuracy: 0.718102 F1 Score: 0.315226
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691017 Accuracy: 0.718492 F1 Score: 0.315230
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691082 Accuracy: 0.718364 F1 Score: 0.315048
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690766 Accuracy: 0.718238 F1 Score: 0.314866
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689876 Accuracy: 0.718367 F1 Score: 0.314833
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688816 Accuracy: 0.718750 F1 Score: 0.314873
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689433 Accuracy: 0.718370 F1 Score: 0.314621
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689764 Accuracy: 0.718246 F1 Score: 0.314408
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689974 Accuracy: 0.718373 F1 Score: 0.315267
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688830 Accuracy: 0.719000 F1 Score: 0.316591
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689584 Accuracy: 0.718625 F1 Score: 0.316298
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689816 Accuracy: 0.718502 F1 Score: 0.316047
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690189 Accuracy: 0.717885 F1 Score: 0.315757
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689852 Accuracy: 0.718012 F1 Score: 0.315687
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689871 Accuracy: 0.717892 F1 Score: 0.315546
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689907 Accuracy: 0.717529 F1 Score: 0.315299
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690407 Accuracy: 0.716926 F1 Score: 0.314915
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689952 Accuracy: 0.717054 F1 Score: 0.314815
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688974 Accuracy: 0.717423 F1 Score: 0.314820
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688462 Accuracy: 0.717788 F1 Score: 0.314792
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688966 Accuracy: 0.717433 F1 Score: 0.314520
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.688867 Accuracy: 0.717557 F1 Score: 0.314456
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689380 Accuracy: 0.717443 F1 Score: 0.315161
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690012 Accuracy: 0.717093 F1 Score: 0.314954
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690667 Accuracy: 0.716745 F1 Score: 0.314655
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691497 Accuracy: 0.716400 F1 Score: 0.314420
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691550 Accuracy: 0.716292 F1 Score: 0.314288
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691027 Accuracy: 0.716651 F1 Score: 0.314263
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690991 Accuracy: 0.716775 F1 Score: 0.314171
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691754 Accuracy: 0.716204 F1 Score: 0.313814
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693322 Accuracy: 0.715637 F1 Score: 0.314328
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693529 Accuracy: 0.715303 F1 Score: 0.314128
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692895 Accuracy: 0.715659 F1 Score: 0.314106
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693765 Accuracy: 0.714872 F1 Score: 0.313716
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693535 Accuracy: 0.714773 F1 Score: 0.313561
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693136 Accuracy: 0.714900 F1 Score: 0.313529
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693035 Accuracy: 0.715027 F1 Score: 0.313442
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693288 Accuracy: 0.715153 F1 Score: 0.314194
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693138 Accuracy: 0.715054 F1 Score: 0.314012
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692598 Accuracy: 0.715402 F1 Score: 0.314019
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693376 Accuracy: 0.715302 F1 Score: 0.313839
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693000 Accuracy: 0.715647 F1 Score: 0.313820
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692630 Accuracy: 0.715989 F1 Score: 0.313802
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692563 Accuracy: 0.715889 F1 Score: 0.313650
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691367 Accuracy: 0.716447 F1 Score: 0.313748
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691858 Accuracy: 0.715909 F1 Score: 0.314278
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692371 Accuracy: 0.715375 F1 Score: 0.313970
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692752 Accuracy: 0.715061 F1 Score: 0.313707
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692606 Accuracy: 0.715398 F1 Score: 0.313690
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693025 Accuracy: 0.715086 F1 Score: 0.314228
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692901 Accuracy: 0.715206 F1 Score: 0.314123
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692701 Accuracy: 0.715325 F1 Score: 0.314041
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692895 Accuracy: 0.715444 F1 Score: 0.314993
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693706 Accuracy: 0.714711 F1 Score: 0.314647
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695248 Accuracy: 0.713983 F1 Score: 0.314258
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695859 Accuracy: 0.713682 F1 Score: 0.315038
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695803 Accuracy: 0.713805 F1 Score: 0.315730
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695383 Accuracy: 0.713926 F1 Score: 0.315691
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694394 Accuracy: 0.714465 F1 Score: 0.317507
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693408 Accuracy: 0.715000 F1 Score: 0.317572
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693625 Accuracy: 0.714493 F1 Score: 0.317264
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692842 Accuracy: 0.715025 F1 Score: 0.317329
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693391 Accuracy: 0.714728 F1 Score: 0.317088
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693451 Accuracy: 0.714638 F1 Score: 0.316937
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693202 Accuracy: 0.714754 F1 Score: 0.316850
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692941 Accuracy: 0.714869 F1 Score: 0.316810
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692729 Accuracy: 0.714984 F1 Score: 0.316724
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692758 Accuracy: 0.715097 F1 Score: 0.316617
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691383 Accuracy: 0.716019 F1 Score: 0.316830
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691591 Accuracy: 0.715726 F1 Score: 0.316618
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691880 Accuracy: 0.715434 F1 Score: 0.316409
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691328 Accuracy: 0.715745 F1 Score: 0.316410
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691806 Accuracy: 0.715455 F1 Score: 0.316224
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692014 Accuracy: 0.715167 F1 Score: 0.316039
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693623 Accuracy: 0.714484 F1 Score: 0.315667
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694542 Accuracy: 0.714201 F1 Score: 0.316327
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695443 Accuracy: 0.713525 F1 Score: 0.315956
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694910 Accuracy: 0.713640 F1 Score: 0.315898
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695044 Accuracy: 0.713362 F1 Score: 0.315632
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694587 Accuracy: 0.713672 F1 Score: 0.315614
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695074 Accuracy: 0.713590 F1 Score: 0.315455
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695595 Accuracy: 0.713315 F1 Score: 0.315971
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696250 Accuracy: 0.713042 F1 Score: 0.315692
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696223 Accuracy: 0.713156 F1 Score: 0.315635
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696787 Accuracy: 0.712885 F1 Score: 0.315419
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696365 Accuracy: 0.713190 F1 Score: 0.315403
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696534 Accuracy: 0.713112 F1 Score: 0.315269
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696487 Accuracy: 0.713034 F1 Score: 0.315115
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696119 Accuracy: 0.713146 F1 Score: 0.315061
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694946 Accuracy: 0.713826 F1 Score: 0.315203
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694669 Accuracy: 0.713746 F1 Score: 0.315108
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694229 Accuracy: 0.714044 F1 Score: 0.315093
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693801 Accuracy: 0.714152 F1 Score: 0.315019
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693361 Accuracy: 0.714259 F1 Score: 0.314984
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693622 Accuracy: 0.713993 F1 Score: 0.314814
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693295 Accuracy: 0.714100 F1 Score: 0.314742
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693669 Accuracy: 0.714021 F1 Score: 0.314612
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694007 Accuracy: 0.713942 F1 Score: 0.314446
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694367 Accuracy: 0.713864 F1 Score: 0.314281
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694340 Accuracy: 0.713787 F1 Score: 0.314154
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693416 Accuracy: 0.714443 F1 Score: 0.314292
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693290 Accuracy: 0.714364 F1 Score: 0.314201
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693349 Accuracy: 0.714286 F1 Score: 0.314075
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693392 Accuracy: 0.714208 F1 Score: 0.313932
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693465 Accuracy: 0.714130 F1 Score: 0.314657
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692907 Accuracy: 0.714595 F1 Score: 0.315387
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693108 Accuracy: 0.714697 F1 Score: 0.315944
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693042 Accuracy: 0.714799 F1 Score: 0.316728
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692542 Accuracy: 0.715258 F1 Score: 0.316785
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693003 Accuracy: 0.715000 F1 Score: 0.316562
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693570 Accuracy: 0.714387 F1 Score: 0.316246
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693923 Accuracy: 0.714311 F1 Score: 0.316736
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694625 Accuracy: 0.713881 F1 Score: 0.316461
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695268 Accuracy: 0.713453 F1 Score: 0.316220
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695660 Accuracy: 0.713204 F1 Score: 0.316054
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694993 Accuracy: 0.713308 F1 Score: 0.316001
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694892 Accuracy: 0.713585 F1 Score: 0.315987
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695284 Accuracy: 0.713513 F1 Score: 0.315845
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695039 Accuracy: 0.713614 F1 Score: 0.315776
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694739 Accuracy: 0.713889 F1 Score: 0.315762
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694776 Accuracy: 0.713989 F1 Score: 0.315710
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694166 Accuracy: 0.714261 F1 Score: 0.315729
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695016 Accuracy: 0.713843 F1 Score: 0.315464
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695608 Accuracy: 0.713599 F1 Score: 0.316069
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695547 Accuracy: 0.713527 F1 Score: 0.317536
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695035 Accuracy: 0.713798 F1 Score: 0.317537
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694429 Accuracy: 0.714067 F1 Score: 0.318332
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693452 Accuracy: 0.714504 F1 Score: 0.318405
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692779 Accuracy: 0.714939 F1 Score: 0.318438
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693249 Accuracy: 0.714527 F1 Score: 0.318185
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693739 Accuracy: 0.714117 F1 Score: 0.317933
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693238 Accuracy: 0.714382 F1 Score: 0.317914
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694243 Accuracy: 0.713975 F1 Score: 0.317646
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694870 Accuracy: 0.713737 F1 Score: 0.317452
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.696117 Accuracy: 0.713000 F1 Score: 0.317065
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695697 Accuracy: 0.712932 F1 Score: 0.316962
```

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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695135 Accuracy: 0.713031 F1 Score: 0.316912
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695300 Accuracy: 0.712798 F1 Score: 0.316740
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694849 Accuracy: 0.713061 F1 Score: 0.316742
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694889 Accuracy: 0.713158 F1 Score: 0.318219
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694911 Accuracy: 0.713091 F1 Score: 0.318097
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694921 Accuracy: 0.713024 F1 Score: 0.317956
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695129 Accuracy: 0.712957 F1 Score: 0.317836
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694723 Accuracy: 0.713053 F1 Score: 0.317806
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694230 Accuracy: 0.713312 F1 Score: 0.318557
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693420 Accuracy: 0.713892 F1 Score: 0.318679
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693741 Accuracy: 0.713501 F1 Score: 0.318416
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693345 Accuracy: 0.713756 F1 Score: 0.318437
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693449 Accuracy: 0.713689 F1 Score: 0.318316
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693786 Accuracy: 0.713622 F1 Score: 0.318197
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694187 Accuracy: 0.713395 F1 Score: 0.318564
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694032 Accuracy: 0.713489 F1 Score: 0.318456
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694131 Accuracy: 0.713422 F1 Score: 0.318337
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693537 Accuracy: 0.713674 F1 Score: 0.318356
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693111 Accuracy: 0.713449 F1 Score: 0.318188
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693451 Accuracy: 0.713226 F1 Score: 0.317983
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693783 Accuracy: 0.712846 F1 Score: 0.317768
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693167 Accuracy: 0.713097 F1 Score: 0.318514
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692609 Accuracy: 0.713346 F1 Score: 0.318514
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692462 Accuracy: 0.713437 F1 Score: 0.318446
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693855 Accuracy: 0.712905 F1 Score: 0.318125
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694295 Accuracy: 0.712531 F1 Score: 0.317894
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693698 Accuracy: 0.712934 F1 Score: 0.317963
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694044 Accuracy: 0.712717 F1 Score: 0.317744
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693707 Accuracy: 0.712963 F1 Score: 0.317727
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694141 Accuracy: 0.712900 F1 Score: 0.317613
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693912 Accuracy: 0.712991 F1 Score: 0.317549
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694092 Accuracy: 0.712776 F1 Score: 0.317389
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694686 Accuracy: 0.712561 F1 Score: 0.317193
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694702 Accuracy: 0.712500 F1 Score: 0.317047
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694327 Accuracy: 0.712591 F1 Score: 0.317002
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694469 Accuracy: 0.712530 F1 Score: 0.317588
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693910 Accuracy: 0.712772 F1 Score: 0.317608
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693739 Accuracy: 0.713013 F1 Score: 0.317610
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693650 Accuracy: 0.713102 F1 Score: 0.317546
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693504 Accuracy: 0.713041 F1 Score: 0.317436
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693394 Accuracy: 0.713129 F1 Score: 0.317373
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693885 Accuracy: 0.712919 F1 Score: 0.317724
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693671 Accuracy: 0.713156 F1 Score: 0.317707
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693352 Accuracy: 0.713095 F1 Score: 0.317616
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692936 Accuracy: 0.713183 F1 Score: 0.317571
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693706 Accuracy: 0.712974 F1 Score: 0.317433
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693686 Accuracy: 0.713061 F1 Score: 0.318051
```

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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693866 Accuracy: 0.713001 F1 Score: 0.317924
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694570 Accuracy: 0.712500 F1 Score: 0.318332
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694559 Accuracy: 0.712441 F1 Score: 0.318242
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694376 Accuracy: 0.712383 F1 Score: 0.318133
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694254 Accuracy: 0.712471 F1 Score: 0.318580
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694182 Accuracy: 0.712558 F1 Score: 0.318517
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694350 Accuracy: 0.712500 F1 Score: 0.318426
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693739 Accuracy: 0.712877 F1 Score: 0.318454
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693629 Accuracy: 0.712818 F1 Score: 0.318364
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693074 Accuracy: 0.713193 F1 Score: 0.318410
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693867 Accuracy: 0.712558 F1 Score: 0.318123
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693682 Accuracy: 0.712644 F1 Score: 0.318044
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693319 Accuracy: 0.713016 F1 Score: 0.319400
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693300 Accuracy: 0.713101 F1 Score: 0.319355
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693556 Accuracy: 0.712900 F1 Score: 0.319146
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692904 Accuracy: 0.713269 F1 Score: 0.319191
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692549 Accuracy: 0.713352 F1 Score: 0.319146
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693401 Accuracy: 0.713010 F1 Score: 0.318896
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693521 Accuracy: 0.713094 F1 Score: 0.318816
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693225 Accuracy: 0.713318 F1 Score: 0.318816
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693511 Accuracy: 0.712979 F1 Score: 0.318623
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693409 Accuracy: 0.713062 F1 Score: 0.319182
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692953 Accuracy: 0.713285 F1 Score: 0.319200
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692568 Accuracy: 0.713507 F1 Score: 0.319181
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692441 Accuracy: 0.713588 F1 Score: 0.320149
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691972 Accuracy: 0.713808 F1 Score: 0.320147
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691963 Accuracy: 0.713889 F1 Score: 0.320084
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692329 Accuracy: 0.713415 F1 Score: 0.319828
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693073 Accuracy: 0.712942 F1 Score: 0.319574
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693027 Accuracy: 0.713162 F1 Score: 0.319556
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692833 Accuracy: 0.713243 F1 Score: 0.319495
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693084 Accuracy: 0.713324 F1 Score: 0.319417
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692602 Accuracy: 0.713542 F1 Score: 0.319433
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693113 Accuracy: 0.713211 F1 Score: 0.319226
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693393 Accuracy: 0.712746 F1 Score: 0.318994
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693441 Accuracy: 0.712691 F1 Score: 0.318908
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693792 Accuracy: 0.712500 F1 Score: 0.319235
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694092 Accuracy: 0.712446 F1 Score: 0.319117
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694617 Accuracy: 0.712121 F1 Score: 0.319561
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694772 Accuracy: 0.711933 F1 Score: 0.319415
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694509 Accuracy: 0.712150 F1 Score: 0.319898
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694136 Accuracy: 0.712366 F1 Score: 0.319897
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694101 Accuracy: 0.712312 F1 Score: 0.319794
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694255 Accuracy: 0.712393 F1 Score: 0.319718
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694211 Accuracy: 0.712607 F1 Score: 0.320308
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693685 Accuracy: 0.712953 F1 Score: 0.320365
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693573 Accuracy: 0.713032 F1 Score: 0.320305
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693188 Accuracy: 0.713243 F1 Score: 0.320303
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693141 Accuracy: 0.713189 F1 Score: 0.320217
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693417 Accuracy: 0.713002 F1 Score: 0.320057
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693561 Accuracy: 0.713080 F1 Score: 0.319964
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693157 Accuracy: 0.713158 F1 Score: 0.319889
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693234 Accuracy: 0.712973 F1 Score: 0.319763
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692794 Accuracy: 0.713312 F1 Score: 0.319803
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692522 Accuracy: 0.713520 F1 Score: 0.319786
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692516 Accuracy: 0.713596 F1 Score: 0.319727
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692627 Accuracy: 0.713542 F1 Score: 0.319643
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692167 Accuracy: 0.713747 F1 Score: 0.320218
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691979 Accuracy: 0.713823 F1 Score: 0.320159
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691757 Accuracy: 0.714027 F1 Score: 0.320141
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691823 Accuracy: 0.713972 F1 Score: 0.320058
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692295 Accuracy: 0.713789 F1 Score: 0.319885
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692721 Accuracy: 0.713220 F1 Score: 0.319608
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692078 Accuracy: 0.713552 F1 Score: 0.319648
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691586 Accuracy: 0.713883 F1 Score: 0.320151
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690732 Accuracy: 0.714468 F1 Score: 0.320286
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691312 Accuracy: 0.714286 F1 Score: 0.320116
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691563 Accuracy: 0.713977 F1 Score: 0.319952
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690990 Accuracy: 0.714431 F1 Score: 0.320490
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691095 Accuracy: 0.714376 F1 Score: 0.320391
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690823 Accuracy: 0.714575 F1 Score: 0.320389
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691029 Accuracy: 0.714520 F1 Score: 0.320261
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690891 Accuracy: 0.714592 F1 Score: 0.320233
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690245 Accuracy: 0.715040 F1 Score: 0.320326
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690110 Accuracy: 0.715236 F1 Score: 0.320308
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690576 Accuracy: 0.715180 F1 Score: 0.320196
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689921 Accuracy: 0.715625 F1 Score: 0.320273
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689941 Accuracy: 0.715694 F1 Score: 0.320215
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689509 Accuracy: 0.715762 F1 Score: 0.320187
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690069 Accuracy: 0.715333 F1 Score: 0.319928
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690024 Accuracy: 0.715402 F1 Score: 0.320336
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690405 Accuracy: 0.715099 F1 Score: 0.320174
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690540 Accuracy: 0.714797 F1 Score: 0.320013
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690374 Accuracy: 0.714867 F1 Score: 0.319971
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690978 Accuracy: 0.714567 F1 Score: 0.319769
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690723 Accuracy: 0.714759 F1 Score: 0.320317
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690568 Accuracy: 0.714706 F1 Score: 0.320784
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691176 Accuracy: 0.714530 F1 Score: 0.321176
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691419 Accuracy: 0.714600 F1 Score: 0.321119
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691748 Accuracy: 0.714303 F1 Score: 0.320915
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691650 Accuracy: 0.714494 F1 Score: 0.320897
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691786 Accuracy: 0.714563 F1 Score: 0.320841
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691818 Accuracy: 0.714632 F1 Score: 0.321223
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691513 Accuracy: 0.714821 F1 Score: 0.321234
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690858 Accuracy: 0.715251 F1 Score: 0.321323
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690551 Accuracy: 0.715438 F1 Score: 0.321319
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690573 Accuracy: 0.715505 F1 Score: 0.321248
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690073 Accuracy: 0.715811 F1 Score: 0.321283
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690503 Accuracy: 0.715637 F1 Score: 0.321135
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690587 Accuracy: 0.715464 F1 Score: 0.320987
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690203 Accuracy: 0.715649 F1 Score: 0.320998
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690181 Accuracy: 0.715714 F1 Score: 0.321486
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690426 Accuracy: 0.715661 F1 Score: 0.321377
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690905 Accuracy: 0.715607 F1 Score: 0.321254
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690426 Accuracy: 0.715909 F1 Score: 0.321288
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690815 Accuracy: 0.715619 F1 Score: 0.321104
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690338 Accuracy: 0.716038 F1 Score: 0.321176
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689958 Accuracy: 0.716219 F1 Score: 0.321173
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689559 Accuracy: 0.716518 F1 Score: 0.321207
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689553 Accuracy: 0.716463 F1 Score: 0.321128
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689260 Accuracy: 0.716526 F1 Score: 0.321086
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689521 Accuracy: 0.716472 F1 Score: 0.320994
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689563 Accuracy: 0.716418 F1 Score: 0.320901
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689760 Accuracy: 0.716248 F1 Score: 0.320758
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689618 Accuracy: 0.716310 F1 Score: 0.320718
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689656 Accuracy: 0.716257 F1 Score: 0.320641
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689918 Accuracy: 0.716204 F1 Score: 0.320522
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690204 Accuracy: 0.716035 F1 Score: 0.320815
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690368 Accuracy: 0.715982 F1 Score: 0.320738
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689936 Accuracy: 0.716275 F1 Score: 0.320758
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689801 Accuracy: 0.716452 F1 Score: 0.320755
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689458 Accuracy: 0.716628 F1 Score: 0.321169
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690022 Accuracy: 0.716117 F1 Score: 0.320930
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690102 Accuracy: 0.716179 F1 Score: 0.320876
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690302 Accuracy: 0.716013 F1 Score: 0.320776
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689909 Accuracy: 0.716189 F1 Score: 0.320786
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690323 Accuracy: 0.715682 F1 Score: 0.320563
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.689998 Accuracy: 0.715858 F1 Score: 0.320574
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690611 Accuracy: 0.715466 F1 Score: 0.320389
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690654 Accuracy: 0.715303 F1 Score: 0.320278
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690876 Accuracy: 0.715140 F1 Score: 0.320127
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690867 Accuracy: 0.715203 F1 Score: 0.320075
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691249 Accuracy: 0.714816 F1 Score: 0.319867
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690903 Accuracy: 0.714879 F1 Score: 0.319842
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691078 Accuracy: 0.714718 F1 Score: 0.319707
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691148 Accuracy: 0.714669 F1 Score: 0.319634
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691097 Accuracy: 0.714732 F1 Score: 0.319596
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691286 Accuracy: 0.714684 F1 Score: 0.319511
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691322 Accuracy: 0.714635 F1 Score: 0.319425
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691390 Accuracy: 0.714587 F1 Score: 0.319366
```

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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691385 Accuracy: 0.714539 F1 Score: 0.319281
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691259 Accuracy: 0.714602 F1 Score: 0.319232
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691182 Accuracy: 0.714775 F1 Score: 0.319230
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690972 Accuracy: 0.714947 F1 Score: 0.319229
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690944 Accuracy: 0.714899 F1 Score: 0.319144
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691392 Accuracy: 0.714631 F1 Score: 0.318965
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691705 Accuracy: 0.714474 F1 Score: 0.319358
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691883 Accuracy: 0.714426 F1 Score: 0.319274
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692099 Accuracy: 0.714379 F1 Score: 0.319177
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692164 Accuracy: 0.714442 F1 Score: 0.319155
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691856 Accuracy: 0.714612 F1 Score: 0.319141
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691587 Accuracy: 0.714891 F1 Score: 0.319174
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691618 Accuracy: 0.714844 F1 Score: 0.319078
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691656 Accuracy: 0.714796 F1 Score: 0.319384
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691598 Accuracy: 0.714749 F1 Score: 0.319289
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692054 Accuracy: 0.714486 F1 Score: 0.319100
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692073 Accuracy: 0.714332 F1 Score: 0.319008
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692362 Accuracy: 0.714286 F1 Score: 0.318889
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692471 Accuracy: 0.714347 F1 Score: 0.318854
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692471 Accuracy: 0.714408 F1 Score: 0.318807
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692813 Accuracy: 0.714148 F1 Score: 0.318646
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693338 Accuracy: 0.713996 F1 Score: 0.318519
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693339 Accuracy: 0.713844 F1 Score: 0.318900
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692791 Accuracy: 0.714118 F1 Score: 0.318933
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693142 Accuracy: 0.714073 F1 Score: 0.319234
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692975 Accuracy: 0.714240 F1 Score: 0.319233
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693510 Accuracy: 0.713877 F1 Score: 0.319039
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693297 Accuracy: 0.714044 F1 Score: 0.319025
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693957 Accuracy: 0.713682 F1 Score: 0.318832
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694051 Accuracy: 0.713638 F1 Score: 0.318765
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694027 Accuracy: 0.713699 F1 Score: 0.318731
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694363 Accuracy: 0.713445 F1 Score: 0.318597
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694323 Accuracy: 0.713507 F1 Score: 0.318563
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694273 Accuracy: 0.713568 F1 Score: 0.318530
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694276 Accuracy: 0.713420 F1 Score: 0.318443
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694110 Accuracy: 0.713481 F1 Score: 0.318397
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694342 Accuracy: 0.713333 F1 Score: 0.318274
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694007 Accuracy: 0.713394 F1 Score: 0.318241
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693877 Accuracy: 0.713559 F1 Score: 0.318241
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693890 Accuracy: 0.713516 F1 Score: 0.318163
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693583 Accuracy: 0.713680 F1 Score: 0.318151
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693099 Accuracy: 0.713946 F1 Score: 0.318184
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692952 Accuracy: 0.713903 F1 Score: 0.318119
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692977 Accuracy: 0.713859 F1 Score: 0.318524
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692423 Accuracy: 0.714124 F1 Score: 0.318568
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692141 Accuracy: 0.714286 F1 Score: 0.319035
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692112 Accuracy: 0.714344 F1 Score: 0.319002
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691753 Accuracy: 0.714505 F1 Score: 0.319001
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691384 Accuracy: 0.714563 F1 Score: 0.318981
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691184 Accuracy: 0.714621 F1 Score: 0.318935
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690793 Accuracy: 0.714882 F1 Score: 0.318979
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690478 Accuracy: 0.715041 F1 Score: 0.318965
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690785 Accuracy: 0.714793 F1 Score: 0.318812
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691117 Accuracy: 0.714546 F1 Score: 0.318659
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691173 Accuracy: 0.714502 F1 Score: 0.318570
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690774 Accuracy: 0.714661 F1 Score: 0.318569
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690426 Accuracy: 0.714919 F1 Score: 0.318600
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690596 Accuracy: 0.714775 F1 Score: 0.318492
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690831 Accuracy: 0.714630 F1 Score: 0.318856
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690994 Accuracy: 0.714587 F1 Score: 0.318780
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691342 Accuracy: 0.714243 F1 Score: 0.318598
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690907 Accuracy: 0.714400 F1 Score: 0.318597
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691780 Accuracy: 0.713858 F1 Score: 0.318366
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691546 Accuracy: 0.713915 F1 Score: 0.318347
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691981 Accuracy: 0.713674 F1 Score: 0.318198
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691814 Accuracy: 0.713732 F1 Score: 0.318155
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691629 Accuracy: 0.713790 F1 Score: 0.318111
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691395 Accuracy: 0.713946 F1 Score: 0.318099
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691333 Accuracy: 0.713904 F1 Score: 0.318013
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691666 Accuracy: 0.713665 F1 Score: 0.317878
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691423 Accuracy: 0.713821 F1 Score: 0.317866
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691289 Accuracy: 0.713976 F1 Score: 0.318194
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691145 Accuracy: 0.714033 F1 Score: 0.318140
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691260 Accuracy: 0.714089 F1 Score: 0.318085
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691688 Accuracy: 0.713852 F1 Score: 0.317939
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692417 Accuracy: 0.713517 F1 Score: 0.317728
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692620 Accuracy: 0.713477 F1 Score: 0.317656
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692329 Accuracy: 0.713631 F1 Score: 0.317668
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692143 Accuracy: 0.713688 F1 Score: 0.317638
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691888 Accuracy: 0.713841 F1 Score: 0.318093
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691881 Accuracy: 0.713898 F1 Score: 0.318422
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691921 Accuracy: 0.713953 F1 Score: 0.318380
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691689 Accuracy: 0.714106 F1 Score: 0.318380
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691593 Accuracy: 0.714162 F1 Score: 0.318694
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691598 Accuracy: 0.714217 F1 Score: 0.318652
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691649 Accuracy: 0.714079 F1 Score: 0.318549
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691399 Accuracy: 0.714135 F1 Score: 0.318518
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691336 Accuracy: 0.714094 F1 Score: 0.318434
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691113 Accuracy: 0.714245 F1 Score: 0.318422
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691174 Accuracy: 0.714012 F1 Score: 0.318301
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691102 Accuracy: 0.713972 F1 Score: 0.318241
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691207 Accuracy: 0.713931 F1 Score: 0.318169
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691045 Accuracy: 0.713986 F1 Score: 0.318128
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690589 Accuracy: 0.714231 F1 Score: 0.318169
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690778 Accuracy: 0.714096 F1 Score: 0.318057
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690681 Accuracy: 0.714245 F1 Score: 0.318514
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690774 Accuracy: 0.714205 F1 Score: 0.318443
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690468 Accuracy: 0.714448 F1 Score: 0.318472
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690631 Accuracy: 0.714407 F1 Score: 0.318401
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690392 Accuracy: 0.714461 F1 Score: 0.318359
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690377 Accuracy: 0.714420 F1 Score: 0.318625
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690427 Accuracy: 0.714474 F1 Score: 0.318572
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690285 Accuracy: 0.714527 F1 Score: 0.318531
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690319 Accuracy: 0.714487 F1 Score: 0.318460
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690353 Accuracy: 0.714446 F1 Score: 0.318400
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690689 Accuracy: 0.714219 F1 Score: 0.318271
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691086 Accuracy: 0.713993 F1 Score: 0.318142
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691315 Accuracy: 0.713767 F1 Score: 0.318014
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691069 Accuracy: 0.713914 F1 Score: 0.318441
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690739 Accuracy: 0.714060 F1 Score: 0.318452
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690374 Accuracy: 0.714299 F1 Score: 0.318481
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690141 Accuracy: 0.714352 F1 Score: 0.318429
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690671 Accuracy: 0.714035 F1 Score: 0.318261
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.690830 Accuracy: 0.714088 F1 Score: 0.318209
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691032 Accuracy: 0.713956 F1 Score: 0.318111
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691596 Accuracy: 0.713641 F1 Score: 0.317912
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691797 Accuracy: 0.713603 F1 Score: 0.317854
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692092 Accuracy: 0.713473 F1 Score: 0.318188
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692055 Accuracy: 0.713618 F1 Score: 0.318188
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692175 Accuracy: 0.713488 F1 Score: 0.318091
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692337 Accuracy: 0.713359 F1 Score: 0.318422
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692065 Accuracy: 0.713595 F1 Score: 0.318462
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692464 Accuracy: 0.713466 F1 Score: 0.318342
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692695 Accuracy: 0.713337 F1 Score: 0.318212
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692500 Accuracy: 0.713481 F1 Score: 0.318190
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692246 Accuracy: 0.713716 F1 Score: 0.318229
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692702 Accuracy: 0.713496 F1 Score: 0.318094
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692487 Accuracy: 0.713459 F1 Score: 0.318038
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692561 Accuracy: 0.713512 F1 Score: 0.317987
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692278 Accuracy: 0.713654 F1 Score: 0.317977
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692199 Accuracy: 0.713617 F1 Score: 0.317899
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691978 Accuracy: 0.713669 F1 Score: 0.317882
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692180 Accuracy: 0.713631 F1 Score: 0.317815
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692333 Accuracy: 0.713594 F1 Score: 0.318070
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692473 Accuracy: 0.713467 F1 Score: 0.317964
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692518 Accuracy: 0.713430 F1 Score: 0.317887
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692109 Accuracy: 0.713750 F1 Score: 0.317954
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692198 Accuracy: 0.713713 F1 Score: 0.317877
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692717 Accuracy: 0.713408 F1 Score: 0.318066
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692964 Accuracy: 0.713371 F1 Score: 0.318000
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692764 Accuracy: 0.713335 F1 Score: 0.317955
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692784 Accuracy: 0.713333 F1 Score: 0.317933
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692367 Accuracy: 0.713564 F1 Score: 0.317983
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692593 Accuracy: 0.713438 F1 Score: 0.317889
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692447 Accuracy: 0.713490 F1 Score: 0.317861
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692808 Accuracy: 0.713189 F1 Score: 0.317702
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692576 Accuracy: 0.713329 F1 Score: 0.317692
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692421 Accuracy: 0.713380 F1 Score: 0.317978
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692631 Accuracy: 0.713168 F1 Score: 0.317847
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692647 Accuracy: 0.713220 F1 Score: 0.317810
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692735 Accuracy: 0.713184 F1 Score: 0.318156
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692950 Accuracy: 0.713148 F1 Score: 0.318081
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692984 Accuracy: 0.713112 F1 Score: 0.318015
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693120 Accuracy: 0.712902 F1 Score: 0.317916
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693745 Accuracy: 0.712430 F1 Score: 0.317684
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693666 Accuracy: 0.712308 F1 Score: 0.317571
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693655 Accuracy: 0.712361 F1 Score: 0.317931
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693727 Accuracy: 0.712326 F1 Score: 0.317856
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694002 Accuracy: 0.712292 F1 Score: 0.317782
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694234 Accuracy: 0.712171 F1 Score: 0.317681
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694464 Accuracy: 0.712137 F1 Score: 0.317607
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695056 Accuracy: 0.711844 F1 Score: 0.317432
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695025 Accuracy: 0.711810 F1 Score: 0.317379
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695232 Accuracy: 0.711691 F1 Score: 0.317279
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695120 Accuracy: 0.711829 F1 Score: 0.317270
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694918 Accuracy: 0.711882 F1 Score: 0.317234
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695193 Accuracy: 0.711677 F1 Score: 0.317128
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694955 Accuracy: 0.711815 F1 Score: 0.317139
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695256 Accuracy: 0.711696 F1 Score: 0.317439
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694809 Accuracy: 0.712005 F1 Score: 0.317493
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695148 Accuracy: 0.711630 F1 Score: 0.317334
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694821 Accuracy: 0.711853 F1 Score: 0.317362
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695022 Accuracy: 0.711820 F1 Score: 0.317290
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695120 Accuracy: 0.711872 F1 Score: 0.317639
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694611 Accuracy: 0.712178 F1 Score: 0.317704
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695027 Accuracy: 0.711890 F1 Score: 0.317541
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695090 Accuracy: 0.711773 F1 Score: 0.317463
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695162 Accuracy: 0.711824 F1 Score: 0.317418
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695266 Accuracy: 0.711791 F1 Score: 0.317666
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695356 Accuracy: 0.711843 F1 Score: 0.317929
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695853 Accuracy: 0.711642 F1 Score: 0.317775
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695558 Accuracy: 0.711946 F1 Score: 0.317828
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695636 Accuracy: 0.711829 F1 Score: 0.317750
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695441 Accuracy: 0.711796 F1 Score: 0.317698
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695267 Accuracy: 0.711847 F1 Score: 0.317979
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695075 Accuracy: 0.712066 F1 Score: 0.317996
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695012 Accuracy: 0.712116 F1 Score: 0.317960
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695051 Accuracy: 0.712167 F1 Score: 0.317915
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694768 Accuracy: 0.712383 F1 Score: 0.317933
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694439 Accuracy: 0.712600 F1 Score: 0.317969
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694365 Accuracy: 0.712649 F1 Score: 0.317934
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694646 Accuracy: 0.712616 F1 Score: 0.317853
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694683 Accuracy: 0.712500 F1 Score: 0.317756
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694516 Accuracy: 0.712632 F1 Score: 0.318152
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694651 Accuracy: 0.712599 F1 Score: 0.318109
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694399 Accuracy: 0.712731 F1 Score: 0.318494
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694510 Accuracy: 0.712615 F1 Score: 0.318416
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694200 Accuracy: 0.712829 F1 Score: 0.318442
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693997 Accuracy: 0.712960 F1 Score: 0.318442
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693898 Accuracy: 0.713009 F1 Score: 0.318407
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694211 Accuracy: 0.712893 F1 Score: 0.318310
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694190 Accuracy: 0.712860 F1 Score: 0.318248
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694203 Accuracy: 0.712908 F1 Score: 0.318504
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693873 Accuracy: 0.712957 F1 Score: 0.318478
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694430 Accuracy: 0.712679 F1 Score: 0.318311
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694461 Accuracy: 0.712646 F1 Score: 0.318260
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694024 Accuracy: 0.712939 F1 Score: 0.318311
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694557 Accuracy: 0.712662 F1 Score: 0.318164
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694675 Accuracy: 0.712630 F1 Score: 0.318104
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694773 Accuracy: 0.712516 F1 Score: 0.318018
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694567 Accuracy: 0.712565 F1 Score: 0.317993
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694502 Accuracy: 0.712532 F1 Score: 0.317933
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695115 Accuracy: 0.712177 F1 Score: 0.317752
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694996 Accuracy: 0.712226 F1 Score: 0.317737
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694888 Accuracy: 0.712194 F1 Score: 0.317687
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694866 Accuracy: 0.712243 F1 Score: 0.317663
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694845 Accuracy: 0.712211 F1 Score: 0.317603
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694823 Accuracy: 0.712260 F1 Score: 0.317588
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695065 Accuracy: 0.712148 F1 Score: 0.317504
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695041 Accuracy: 0.712196 F1 Score: 0.317471
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694852 Accuracy: 0.712324 F1 Score: 0.317481
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694449 Accuracy: 0.712532 F1 Score: 0.317506
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694658 Accuracy: 0.712500 F1 Score: 0.317429
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694422 Accuracy: 0.712627 F1 Score: 0.317439
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693953 Accuracy: 0.712913 F1 Score: 0.317499
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694123 Accuracy: 0.712801 F1 Score: 0.317434
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693936 Accuracy: 0.712928 F1 Score: 0.317716
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693759 Accuracy: 0.713054 F1 Score: 0.317716
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693171 Accuracy: 0.713417 F1 Score: 0.317801
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693134 Accuracy: 0.713384 F1 Score: 0.317742
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693566 Accuracy: 0.713272 F1 Score: 0.318208
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693687 Accuracy: 0.713161 F1 Score: 0.318124
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693650 Accuracy: 0.713208 F1 Score: 0.318470
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693893 Accuracy: 0.712940 F1 Score: 0.318595
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693912 Accuracy: 0.712908 F1 Score: 0.318545
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693787 Accuracy: 0.713033 F1 Score: 0.318554
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693800 Accuracy: 0.713001 F1 Score: 0.318495
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693867 Accuracy: 0.712969 F1 Score: 0.318427
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694027 Accuracy: 0.712937 F1 Score: 0.318368
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693775 Accuracy: 0.713061 F1 Score: 0.318377
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693421 Accuracy: 0.713263 F1 Score: 0.318410
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693286 Accuracy: 0.713308 F1 Score: 0.318735
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693060 Accuracy: 0.713354 F1 Score: 0.318710
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693214 Accuracy: 0.713244 F1 Score: 0.318617
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694025 Accuracy: 0.712748 F1 Score: 0.318375
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693831 Accuracy: 0.712949 F1 Score: 0.318400
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693955 Accuracy: 0.712840 F1 Score: 0.318335
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693963 Accuracy: 0.712809 F1 Score: 0.318286
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693589 Accuracy: 0.713009 F1 Score: 0.318319
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693691 Accuracy: 0.712977 F1 Score: 0.318261
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693600 Accuracy: 0.712946 F1 Score: 0.318222
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693705 Accuracy: 0.712915 F1 Score: 0.318173
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693966 Accuracy: 0.712807 F1 Score: 0.318073
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694055 Accuracy: 0.712776 F1 Score: 0.317990
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694144 Accuracy: 0.712668 F1 Score: 0.317909
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694101 Accuracy: 0.712638 F1 Score: 0.317869
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693766 Accuracy: 0.712912 F1 Score: 0.317927
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693692 Accuracy: 0.712881 F1 Score: 0.318147
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693710 Accuracy: 0.712926 F1 Score: 0.318114
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693988 Accuracy: 0.712819 F1 Score: 0.318016
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693709 Accuracy: 0.712940 F1 Score: 0.318025
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693717 Accuracy: 0.712910 F1 Score: 0.317968
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693768 Accuracy: 0.712879 F1 Score: 0.317911
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693951 Accuracy: 0.712772 F1 Score: 0.317831
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693917 Accuracy: 0.712817 F1 Score: 0.317807
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693759 Accuracy: 0.712938 F1 Score: 0.317816
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693614 Accuracy: 0.713058 F1 Score: 0.317808
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693608 Accuracy: 0.713102 F1 Score: 0.317793
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693512 Accuracy: 0.713072 F1 Score: 0.317728
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693293 Accuracy: 0.713266 F1 Score: 0.317743
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693491 Accuracy: 0.713160 F1 Score: 0.317672
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693923 Accuracy: 0.712905 F1 Score: 0.317520
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693673 Accuracy: 0.713024 F1 Score: 0.317521
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693878 Accuracy: 0.712919 F1 Score: 0.317960
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693955 Accuracy: 0.712888 F1 Score: 0.318629
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693648 Accuracy: 0.713156 F1 Score: 0.318677
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693570 Accuracy: 0.713275 F1 Score: 0.318929
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693230 Accuracy: 0.713393 F1 Score: 0.318929
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693511 Accuracy: 0.713288 F1 Score: 0.318823
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693489 Accuracy: 0.713183 F1 Score: 0.318735
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693315 Accuracy: 0.713227 F1 Score: 0.318710
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692948 Accuracy: 0.713418 F1 Score: 0.318742
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693129 Accuracy: 0.713388 F1 Score: 0.318677
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692958 Accuracy: 0.713431 F1 Score: 0.319003
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692900 Accuracy: 0.713400 F1 Score: 0.318956
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692498 Accuracy: 0.713591 F1 Score: 0.318987
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692969 Accuracy: 0.713339 F1 Score: 0.318835
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693036 Accuracy: 0.713382 F1 Score: 0.318794
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692834 Accuracy: 0.713572 F1 Score: 0.318817
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692987 Accuracy: 0.713395 F1 Score: 0.318706
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692775 Accuracy: 0.713584 F1 Score: 0.318729
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692548 Accuracy: 0.713773 F1 Score: 0.318752
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692347 Accuracy: 0.713889 F1 Score: 0.318751
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692524 Accuracy: 0.713785 F1 Score: 0.318664
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692815 Accuracy: 0.713463 F1 Score: 0.318491
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692972 Accuracy: 0.713432 F1 Score: 0.318436
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693399 Accuracy: 0.713257 F1 Score: 0.318335
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693555 Accuracy: 0.713154 F1 Score: 0.318513
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693951 Accuracy: 0.712907 F1 Score: 0.318372
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694044 Accuracy: 0.712950 F1 Score: 0.318675
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693692 Accuracy: 0.713210 F1 Score: 0.318721
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693814 Accuracy: 0.713108 F1 Score: 0.318627
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693839 Accuracy: 0.713078 F1 Score: 0.318572
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694115 Accuracy: 0.713048 F1 Score: 0.318764
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694305 Accuracy: 0.713019 F1 Score: 0.318717
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694291 Accuracy: 0.713062 F1 Score: 0.318678
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694221 Accuracy: 0.713104 F1 Score: 0.318663
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694131 Accuracy: 0.713147 F1 Score: 0.318647
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694104 Accuracy: 0.713117 F1 Score: 0.318601
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694375 Accuracy: 0.712944 F1 Score: 0.318485
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694315 Accuracy: 0.713058 F1 Score: 0.318484
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694391 Accuracy: 0.713029 F1 Score: 0.318423
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694445 Accuracy: 0.713000 F1 Score: 0.318369
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694366 Accuracy: 0.713042 F1 Score: 0.318354
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694465 Accuracy: 0.713013 F1 Score: 0.318284
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693955 Accuracy: 0.713340 F1 Score: 0.318360
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694178 Accuracy: 0.713239 F1 Score: 0.318284
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694588 Accuracy: 0.712926 F1 Score: 0.318132
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694669 Accuracy: 0.712897 F1 Score: 0.318079
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694778 Accuracy: 0.712868 F1 Score: 0.318275
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695023 Accuracy: 0.712769 F1 Score: 0.318177
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694833 Accuracy: 0.712882 F1 Score: 0.318518
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694652 Accuracy: 0.713065 F1 Score: 0.318533
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694852 Accuracy: 0.712966 F1 Score: 0.318457
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695076 Accuracy: 0.712866 F1 Score: 0.318614
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695404 Accuracy: 0.712697 F1 Score: 0.318516
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695273 Accuracy: 0.712809 F1 Score: 0.318515
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.695037 Accuracy: 0.712921 F1 Score: 0.318523
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694875 Accuracy: 0.713033 F1 Score: 0.318854
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Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694836 Accuracy: 0.713075 F1 Score: 0.318823
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694758 Accuracy: 0.713046 F1 Score: 0.318786
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694654 Accuracy: 0.713087 F1 Score: 0.318770
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694517 Accuracy: 0.713128 F1 Score: 0.318748
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694594 Accuracy: 0.713030 F1 Score: 0.318665
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694610 Accuracy: 0.713002 F1 Score: 0.318612
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694394 Accuracy: 0.713043 F1 Score: 0.318927
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694338 Accuracy: 0.713154 F1 Score: 0.319154
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694537 Accuracy: 0.713056 F1 Score: 0.319056
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694682 Accuracy: 0.712958 F1 Score: 0.318965
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694789 Accuracy: 0.712791 F1 Score: 0.318876
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694656 Accuracy: 0.712901 F1 Score: 0.318883
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694932 Accuracy: 0.712804 F1 Score: 0.318793
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694775 Accuracy: 0.712845 F1 Score: 0.318778
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694865 Accuracy: 0.712817 F1 Score: 0.318718
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694845 Accuracy: 0.712789 F1 Score: 0.318673
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694675 Accuracy: 0.712899 F1 Score: 0.318673
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694422 Accuracy: 0.713009 F1 Score: 0.318672
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694353 Accuracy: 0.713049 F1 Score: 0.318967
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693987 Accuracy: 0.713227 F1 Score: 0.318996
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693872 Accuracy: 0.713268 F1 Score: 0.318982
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693798 Accuracy: 0.713308 F1 Score: 0.318944
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693889 Accuracy: 0.713211 F1 Score: 0.318862
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694563 Accuracy: 0.712978 F1 Score: 0.318714
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694562 Accuracy: 0.713019 F1 Score: 0.318676
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694714 Accuracy: 0.712854 F1 Score: 0.318581
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694796 Accuracy: 0.712827 F1 Score: 0.318522
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694434 Accuracy: 0.713003 F1 Score: 0.318551
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694379 Accuracy: 0.713043 F1 Score: 0.318529
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694218 Accuracy: 0.713151 F1 Score: 0.318529
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694470 Accuracy: 0.713124 F1 Score: 0.318463
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694332 Accuracy: 0.713164 F1 Score: 0.318679
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694545 Accuracy: 0.713001 F1 Score: 0.318584
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694667 Accuracy: 0.712973 F1 Score: 0.318519
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694346 Accuracy: 0.713215 F1 Score: 0.318569
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694360 Accuracy: 0.713255 F1 Score: 0.318540
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694007 Accuracy: 0.713497 F1 Score: 0.318590
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693946 Accuracy: 0.713603 F1 Score: 0.318908
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694163 Accuracy: 0.713508 F1 Score: 0.319064
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693981 Accuracy: 0.713547 F1 Score: 0.319042
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694019 Accuracy: 0.713452 F1 Score: 0.318977
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.694131 Accuracy: 0.713357 F1 Score: 0.318889
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693947 Accuracy: 0.713464 F1 Score: 0.318889
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693953 Accuracy: 0.713503 F1 Score: 0.318852
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693691 Accuracy: 0.713608 F1 Score: 0.318859
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693746 Accuracy: 0.713581 F1 Score: 0.318808
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693817 Accuracy: 0.713619 F1 Score: 0.318771
```

```
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693817 Accuracy: 0.713619 F1 Score: 0.318771
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693753 Accuracy: 0.713658 F1 Score: 0.318749
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693667 Accuracy: 0.713630 F1 Score: 0.318699
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693839 Accuracy: 0.713536 F1 Score: 0.318620
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693705 Accuracy: 0.713641 F1 Score: 0.318612
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693979 Accuracy: 0.713547 F1 Score: 0.318519
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693681 Accuracy: 0.713718 F1 Score: 0.318547
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693723 Accuracy: 0.713558 F1 Score: 0.318447
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693747 Accuracy: 0.713531 F1 Score: 0.318405
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693716 Accuracy: 0.713569 F1 Score: 0.318383
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693359 Accuracy: 0.713739 F1 Score: 0.318411
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693217 Accuracy: 0.713844 F1 Score: 0.318411
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692906 Accuracy: 0.714013 F1 Score: 0.318438
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693123 Accuracy: 0.713854 F1 Score: 0.318578
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693137 Accuracy: 0.713892 F1 Score: 0.318536
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693123 Accuracy: 0.713799 F1 Score: 0.318472
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693359 Accuracy: 0.713640 F1 Score: 0.318380
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693106 Accuracy: 0.713743 F1 Score: 0.318387
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692874 Accuracy: 0.713847 F1 Score: 0.318386
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692474 Accuracy: 0.714080 F1 Score: 0.318435
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692493 Accuracy: 0.714118 F1 Score: 0.318636
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692485 Accuracy: 0.714025 F1 Score: 0.318566
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692452 Accuracy: 0.714063 F1 Score: 0.318531
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693041 Accuracy: 0.713775 F1 Score: 0.318377
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693095 Accuracy: 0.713812 F1 Score: 0.318356
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693097 Accuracy: 0.713850 F1 Score: 0.318334
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693163 Accuracy: 0.713758 F1 Score: 0.318265
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693104 Accuracy: 0.713795 F1 Score: 0.318237
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693006 Accuracy: 0.713833 F1 Score: 0.318215
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692958 Accuracy: 0.713870 F1 Score: 0.318181
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692836 Accuracy: 0.713972 F1 Score: 0.318174
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692963 Accuracy: 0.713880 F1 Score: 0.318111
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692904 Accuracy: 0.713853 F1 Score: 0.318063
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692681 Accuracy: 0.713955 F1 Score: 0.318062
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692498 Accuracy: 0.714120 F1 Score: 0.318076
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692307 Accuracy: 0.714221 F1 Score: 0.318075
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692345 Accuracy: 0.714130 F1 Score: 0.318013
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692349 Accuracy: 0.714038 F1 Score: 0.317945
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692386 Accuracy: 0.714011 F1 Score: 0.317903
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692861 Accuracy: 0.713792 F1 Score: 0.317781
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692997 Accuracy: 0.713701 F1 Score: 0.317693
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692875 Accuracy: 0.713802 F1 Score: 0.317997
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693043 Accuracy: 0.713776 F1 Score: 0.318161
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693118 Accuracy: 0.713812 F1 Score: 0.318140
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692965 Accuracy: 0.713913 F1 Score: 0.318146
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692775 Accuracy: 0.713950 F1 Score: 0.318429
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692850 Accuracy: 0.713859 F1 Score: 0.318360
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693164 Accuracy: 0.713642 F1 Score: 0.318238
```
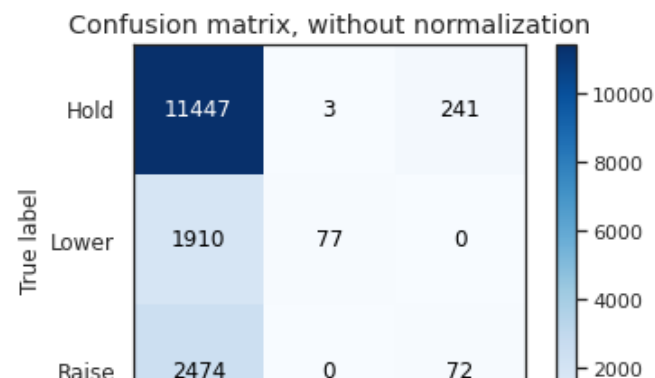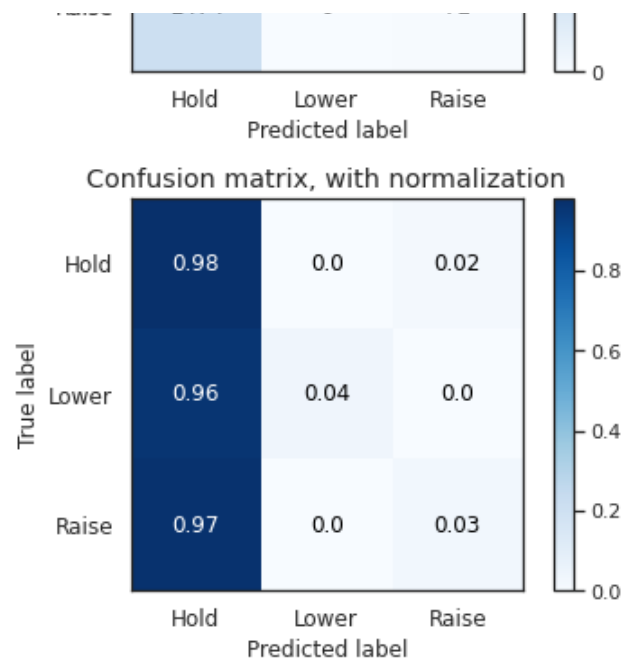
```
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693184 Accuracy: 0.713842 F1 Score: 0.318258
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693109 Accuracy: 0.713742 F1 Score: 0.318224
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693238 Accuracy: 0.713716 F1 Score: 0.318176
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692962 Accuracy: 0.713879 F1 Score: 0.318196
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693093 Accuracy: 0.713852 F1 Score: 0.318142
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693115 Accuracy: 0.713763 F1 Score: 0.318074
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693289 Accuracy: 0.713673 F1 Score: 0.318293
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693549 Accuracy: 0.713521 F1 Score: 0.318192
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693559 Accuracy: 0.713557 F1 Score: 0.318172
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693234 Accuracy: 0.713783 F1 Score: 0.318218
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693396 Accuracy: 0.713693 F1 Score: 0.318151
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693553 Accuracy: 0.713604 F1 Score: 0.318070
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693468 Accuracy: 0.713704 F1 Score: 0.318292
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693338 Accuracy: 0.713803 F1 Score: 0.318512
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693383 Accuracy: 0.713714 F1 Score: 0.318438
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693236 Accuracy: 0.713812 F1 Score: 0.318431
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693138 Accuracy: 0.713849 F1 Score: 0.318410
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693113 Accuracy: 0.713885 F1 Score: 0.318390
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693329 Accuracy: 0.713734 F1 Score: 0.318290
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693118 Accuracy: 0.713894 F1 Score: 0.318309
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.693273 Accuracy: 0.713806 F1 Score: 0.318236
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692941 Accuracy: 0.714028 F1 Score: 0.318282
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692921 Accuracy: 0.714064 F1 Score: 0.318468
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692980 Accuracy: 0.714038 F1 Score: 0.318415
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692640 Accuracy: 0.714259 F1 Score: 0.318679
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692653 Accuracy: 0.714295 F1 Score: 0.318877
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692458 Accuracy: 0.714454 F1 Score: 0.318896
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.692309 Accuracy: 0.714550 F1 Score: 0.318901
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691977 Accuracy: 0.714770 F1 Score: 0.318946
Epoch: 2/3... Step: 950... Loss: 0.492614... Val Loss: 0.691914 Accuracy: 0.714744 F1 Score: 0.318905
950 steps in epoch 2

Epoch: 2, Average Accuracy: 0.71474359, Average f1: 0.31890500

<Figure size 432x288 with 0 Axes>
```

Confusion matrix, without normalization

Confusion matrix, with normalization

	Hold	Lower	Raise
Hold	0.98	0.0	0.02
Lower	0.96	0.04	0.0
Raise	0.97	0.0	0.03

Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.744655 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.616818 Accuracy: 0.750000 F1 Score: 0.285714
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.733864 Accuracy: 0.666667 F1 Score: 0.266667
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.699172 Accuracy: 0.687500 F1 Score: 0.271605
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681686 Accuracy: 0.700000 F1 Score: 0.340299
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.708698 Accuracy: 0.697917 F1 Score: 0.367775
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.709740 Accuracy: 0.696429 F1 Score: 0.355735
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.708927 Accuracy: 0.703125 F1 Score: 0.348217
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.712530 Accuracy: 0.694444 F1 Score: 0.346296
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.715881 Accuracy: 0.700000 F1 Score: 0.340299
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.724369 Accuracy: 0.698864 F1 Score: 0.334052
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.706350 Accuracy: 0.703125 F1 Score: 0.335116
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.704969 Accuracy: 0.706731 F1 Score: 0.328737
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.696696 Accuracy: 0.705357 F1 Score: 0.326414
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.713473 Accuracy: 0.695833 F1 Score: 0.318930
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.711077 Accuracy: 0.695312 F1 Score: 0.318845
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.714065 Accuracy: 0.691176 F1 Score: 0.313596
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.711960 Accuracy: 0.690972 F1 Score: 0.313578
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.738277 Accuracy: 0.674342 F1 Score: 0.305024
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.740597 Accuracy: 0.675000 F1 Score: 0.302358
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.732649 Accuracy: 0.681548 F1 Score: 0.311995
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.742791 Accuracy: 0.673295 F1 Score: 0.307136
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.728823 Accuracy: 0.682065 F1 Score: 0.309053
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.731255 Accuracy: 0.679688 F1 Score: 0.306188
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.721874 Accuracy: 0.687500 F1 Score: 0.319617

```
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.710317 Accuracy: 0.694712 F1 Score: 0.320440
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.713933 Accuracy: 0.689815 F1 Score: 0.317337
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.710730 Accuracy: 0.689732 F1 Score: 0.316301
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.705397 Accuracy: 0.693966 F1 Score: 0.315875
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.705357 Accuracy: 0.695833 F1 Score: 0.314913
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.702353 Accuracy: 0.697581 F1 Score: 0.313517
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.697572 Accuracy: 0.699219 F1 Score: 0.313169
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.702600 Accuracy: 0.695076 F1 Score: 0.310429
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.702291 Accuracy: 0.696691 F1 Score: 0.310166
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.705038 Accuracy: 0.696429 F1 Score: 0.309034
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.703100 Accuracy: 0.696181 F1 Score: 0.308343
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.694873 Accuracy: 0.702703 F1 Score: 0.309449
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.688696 Accuracy: 0.707237 F1 Score: 0.310047
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.693158 Accuracy: 0.706731 F1 Score: 0.318960
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690905 Accuracy: 0.707812 F1 Score: 0.318466
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686008 Accuracy: 0.711890 F1 Score: 0.324025
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684243 Accuracy: 0.711310 F1 Score: 0.322739
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.691125 Accuracy: 0.707849 F1 Score: 0.324606
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683347 Accuracy: 0.713068 F1 Score: 0.325538
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686077 Accuracy: 0.712500 F1 Score: 0.324223
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690135 Accuracy: 0.711957 F1 Score: 0.322980
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.689208 Accuracy: 0.711436 F1 Score: 0.321803
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683005 Accuracy: 0.716146 F1 Score: 0.329147
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682272 Accuracy: 0.716837 F1 Score: 0.328536
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683960 Accuracy: 0.716250 F1 Score: 0.327258
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690751 Accuracy: 0.710784 F1 Score: 0.324319
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.693106 Accuracy: 0.709135 F1 Score: 0.322781
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687950 Accuracy: 0.713443 F1 Score: 0.329329
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683412 Accuracy: 0.717593 F1 Score: 0.333882
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686042 Accuracy: 0.715909 F1 Score: 0.332204
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683669 Accuracy: 0.717634 F1 Score: 0.331931
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682206 Accuracy: 0.719298 F1 Score: 0.331564
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682284 Accuracy: 0.718750 F1 Score: 0.330611
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.689166 Accuracy: 0.713983 F1 Score: 0.327976
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687786 Accuracy: 0.713542 F1 Score: 0.327033
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684507 Accuracy: 0.716189 F1 Score: 0.327214
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682215 Accuracy: 0.717742 F1 Score: 0.327026
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684059 Accuracy: 0.716270 F1 Score: 0.325562
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687463 Accuracy: 0.714844 F1 Score: 0.327700
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685041 Accuracy: 0.716346 F1 Score: 0.327646
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681748 Accuracy: 0.719697 F1 Score: 0.328239
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683051 Accuracy: 0.719216 F1 Score: 0.335973
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682810 Accuracy: 0.717831 F1 Score: 0.334791
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685223 Accuracy: 0.717391 F1 Score: 0.333774
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684615 Accuracy: 0.716964 F1 Score: 0.332987
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685418 Accuracy: 0.717430 F1 Score: 0.332440
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683491 Accuracy: 0.719618 F1 Score: 0.332533
```

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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684319 Accuracy: 0.720034 F1 Score: 0.331914
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681489 Accuracy: 0.721284 F1 Score: 0.331872
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679476 Accuracy: 0.722500 F1 Score: 0.331832
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679452 Accuracy: 0.722862 F1 Score: 0.338009
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682834 Accuracy: 0.719968 F1 Score: 0.340031
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681644 Accuracy: 0.721154 F1 Score: 0.339624
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680678 Accuracy: 0.721519 F1 Score: 0.339052
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680619 Accuracy: 0.721875 F1 Score: 0.338493
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678902 Accuracy: 0.722994 F1 Score: 0.338333
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678038 Accuracy: 0.724085 F1 Score: 0.338067
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677544 Accuracy: 0.724398 F1 Score: 0.337531
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.675464 Accuracy: 0.726190 F1 Score: 0.337548
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.674811 Accuracy: 0.725735 F1 Score: 0.336758
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.676522 Accuracy: 0.725291 F1 Score: 0.335987
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678725 Accuracy: 0.724138 F1 Score: 0.334886
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680596 Accuracy: 0.723011 F1 Score: 0.333991
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678489 Accuracy: 0.724017 F1 Score: 0.333959
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678001 Accuracy: 0.723611 F1 Score: 0.333254
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679426 Accuracy: 0.723214 F1 Score: 0.332564
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678539 Accuracy: 0.724185 F1 Score: 0.332452
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678235 Accuracy: 0.724462 F1 Score: 0.335236
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677348 Accuracy: 0.724734 F1 Score: 0.334881
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678426 Accuracy: 0.724342 F1 Score: 0.334202
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679460 Accuracy: 0.723307 F1 Score: 0.333314
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681438 Accuracy: 0.721649 F1 Score: 0.332032
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680675 Accuracy: 0.721939 F1 Score: 0.334758
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678614 Accuracy: 0.723485 F1 Score: 0.334867
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680022 Accuracy: 0.722500 F1 Score: 0.333908
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683563 Accuracy: 0.720297 F1 Score: 0.332354
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684302 Accuracy: 0.719363 F1 Score: 0.334523
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683912 Accuracy: 0.720267 F1 Score: 0.334320
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683130 Accuracy: 0.721154 F1 Score: 0.336800
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682083 Accuracy: 0.721429 F1 Score: 0.336381
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681744 Accuracy: 0.721108 F1 Score: 0.335660
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684485 Accuracy: 0.719042 F1 Score: 0.334156
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684111 Accuracy: 0.719907 F1 Score: 0.333868
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685656 Accuracy: 0.718463 F1 Score: 0.332724
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686606 Accuracy: 0.717614 F1 Score: 0.331987
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687799 Accuracy: 0.716779 F1 Score: 0.331080
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687226 Accuracy: 0.717634 F1 Score: 0.330929
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686957 Accuracy: 0.717920 F1 Score: 0.333070
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686293 Accuracy: 0.718202 F1 Score: 0.332821
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685679 Accuracy: 0.719022 F1 Score: 0.332852
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684304 Accuracy: 0.719828 F1 Score: 0.332883
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685011 Accuracy: 0.719551 F1 Score: 0.332365
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684577 Accuracy: 0.719809 F1 Score: 0.331933
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685491 Accuracy: 0.718487 F1 Score: 0.331090
```

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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683212 Accuracy: 0.720313 F1 Score: 0.331370
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683064 Accuracy: 0.720558 F1 Score: 0.331140
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681841 Accuracy: 0.721311 F1 Score: 0.331078
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682997 Accuracy: 0.721545 F1 Score: 0.330670
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683904 Accuracy: 0.720766 F1 Score: 0.329944
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684417 Accuracy: 0.720000 F1 Score: 0.331710
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686888 Accuracy: 0.718254 F1 Score: 0.330668
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685995 Accuracy: 0.718996 F1 Score: 0.330617
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687508 Accuracy: 0.717773 F1 Score: 0.329851
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.689381 Accuracy: 0.717054 F1 Score: 0.329252
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.691108 Accuracy: 0.715385 F1 Score: 0.328269
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.689831 Accuracy: 0.715649 F1 Score: 0.328175
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690411 Accuracy: 0.715436 F1 Score: 0.329440
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.689711 Accuracy: 0.715695 F1 Score: 0.329333
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690872 Accuracy: 0.715019 F1 Score: 0.328504
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690166 Accuracy: 0.715741 F1 Score: 0.328550
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690284 Accuracy: 0.715074 F1 Score: 0.330036
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.690304 Accuracy: 0.714872 F1 Score: 0.329617
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.689078 Accuracy: 0.715580 F1 Score: 0.329491
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687977 Accuracy: 0.716277 F1 Score: 0.331441
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686921 Accuracy: 0.716964 F1 Score: 0.331395
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685930 Accuracy: 0.717199 F1 Score: 0.331207
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687287 Accuracy: 0.716109 F1 Score: 0.330425
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687329 Accuracy: 0.716346 F1 Score: 0.329984
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686679 Accuracy: 0.717014 F1 Score: 0.331419
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684912 Accuracy: 0.718534 F1 Score: 0.331652
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684035 Accuracy: 0.718750 F1 Score: 0.331383
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683046 Accuracy: 0.718537 F1 Score: 0.331137
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683836 Accuracy: 0.717905 F1 Score: 0.330601
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681992 Accuracy: 0.718960 F1 Score: 0.330770
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680860 Accuracy: 0.720000 F1 Score: 0.330856
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679682 Accuracy: 0.720613 F1 Score: 0.330807
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680571 Accuracy: 0.719984 F1 Score: 0.330363
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680118 Accuracy: 0.720588 F1 Score: 0.330316
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679692 Accuracy: 0.721591 F1 Score: 0.330321
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680412 Accuracy: 0.720968 F1 Score: 0.331486
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680272 Accuracy: 0.721154 F1 Score: 0.331230
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680775 Accuracy: 0.720939 F1 Score: 0.330697
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679704 Accuracy: 0.721915 F1 Score: 0.332546
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682063 Accuracy: 0.720126 F1 Score: 0.331584
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681454 Accuracy: 0.719922 F1 Score: 0.331369
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680178 Accuracy: 0.720885 F1 Score: 0.332780
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679635 Accuracy: 0.721065 F1 Score: 0.332677
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680064 Accuracy: 0.720859 F1 Score: 0.332377
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679836 Accuracy: 0.721037 F1 Score: 0.331982
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680092 Accuracy: 0.721212 F1 Score: 0.331738
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679801 Accuracy: 0.721386 F1 Score: 0.331568
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680960 Accuracy: 0.720434 F1 Score: 0.330826
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681756 Accuracy: 0.719866 F1 Score: 0.330218
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683225 Accuracy: 0.718935 F1 Score: 0.329635
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681721 Accuracy: 0.719485 F1 Score: 0.329665
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681209 Accuracy: 0.719664 F1 Score: 0.329510
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681459 Accuracy: 0.719477 F1 Score: 0.329106
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681660 Accuracy: 0.718569 F1 Score: 0.329971
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680888 Accuracy: 0.719109 F1 Score: 0.329932
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682321 Accuracy: 0.718214 F1 Score: 0.329241
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682222 Accuracy: 0.718395 F1 Score: 0.330294
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682084 Accuracy: 0.719280 F1 Score: 0.330370
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681515 Accuracy: 0.719452 F1 Score: 0.330272
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682980 Accuracy: 0.718575 F1 Score: 0.329539
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683453 Accuracy: 0.718403 F1 Score: 0.329105
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682373 Accuracy: 0.718923 F1 Score: 0.329014
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682679 Accuracy: 0.718750 F1 Score: 0.328753
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682451 Accuracy: 0.718579 F1 Score: 0.328440
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683635 Accuracy: 0.718071 F1 Score: 0.327966
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683908 Accuracy: 0.717905 F1 Score: 0.327714
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684737 Accuracy: 0.717406 F1 Score: 0.328718
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685131 Accuracy: 0.717246 F1 Score: 0.328469
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684623 Accuracy: 0.717088 F1 Score: 0.328168
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685312 Accuracy: 0.716931 F1 Score: 0.327816
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684844 Accuracy: 0.717434 F1 Score: 0.327735
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684644 Accuracy: 0.717605 F1 Score: 0.327600
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684331 Accuracy: 0.717448 F1 Score: 0.327309
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683979 Accuracy: 0.717940 F1 Score: 0.328803
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683747 Accuracy: 0.718106 F1 Score: 0.328669
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684166 Accuracy: 0.717949 F1 Score: 0.328322
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684118 Accuracy: 0.718112 F1 Score: 0.328190
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685265 Accuracy: 0.717322 F1 Score: 0.327592
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685444 Accuracy: 0.717172 F1 Score: 0.327310
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683908 Accuracy: 0.718279 F1 Score: 0.330087
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686067 Accuracy: 0.717187 F1 Score: 0.329330
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686640 Accuracy: 0.716729 F1 Score: 0.328944
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686013 Accuracy: 0.717203 F1 Score: 0.328864
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685631 Accuracy: 0.717672 F1 Score: 0.328835
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685817 Accuracy: 0.717218 F1 Score: 0.328456
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685251 Accuracy: 0.717683 F1 Score: 0.328429
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685188 Accuracy: 0.717840 F1 Score: 0.328252
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683798 Accuracy: 0.718599 F1 Score: 0.328372
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683770 Accuracy: 0.718149 F1 Score: 0.328053
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683447 Accuracy: 0.718002 F1 Score: 0.327783
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684333 Accuracy: 0.717560 F1 Score: 0.327321
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684794 Accuracy: 0.717121 F1 Score: 0.327012
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685483 Accuracy: 0.716686 F1 Score: 0.326560
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685365 Accuracy: 0.716549 F1 Score: 0.326303
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685383 Accuracy: 0.716349 F1 Score: 0.326303
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685706 Accuracy: 0.716414 F1 Score: 0.326001
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685029 Accuracy: 0.716860 F1 Score: 0.325889
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683566 Accuracy: 0.717882 F1 Score: 0.326100
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684523 Accuracy: 0.717742 F1 Score: 0.325759
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685174 Accuracy: 0.717030 F1 Score: 0.325418
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685482 Accuracy: 0.716895 F1 Score: 0.325263
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685070 Accuracy: 0.717330 F1 Score: 0.325245
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685785 Accuracy: 0.716346 F1 Score: 0.324599
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686242 Accuracy: 0.716498 F1 Score: 0.324450
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687075 Accuracy: 0.715807 F1 Score: 0.324080
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687225 Accuracy: 0.715681 F1 Score: 0.323760
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.687275 Accuracy: 0.715833 F1 Score: 0.323616
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686525 Accuracy: 0.716261 F1 Score: 0.324863
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685753 Accuracy: 0.716960 F1 Score: 0.324890
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685452 Accuracy: 0.717105 F1 Score: 0.324744
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685985 Accuracy: 0.716430 F1 Score: 0.324340
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685913 Accuracy: 0.716576 F1 Score: 0.324241
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685735 Accuracy: 0.716450 F1 Score: 0.324057
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685885 Accuracy: 0.716595 F1 Score: 0.323916
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.686079 Accuracy: 0.716470 F1 Score: 0.323691
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685498 Accuracy: 0.716613 F1 Score: 0.323595
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.685233 Accuracy: 0.716755 F1 Score: 0.323457
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684031 Accuracy: 0.717426 F1 Score: 0.323570
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683813 Accuracy: 0.717563 F1 Score: 0.323474
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683254 Accuracy: 0.717700 F1 Score: 0.323379
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682155 Accuracy: 0.718096 F1 Score: 0.324575
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680896 Accuracy: 0.718750 F1 Score: 0.324684
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680682 Accuracy: 0.718620 F1 Score: 0.324463
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679720 Accuracy: 0.719267 F1 Score: 0.325465
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679736 Accuracy: 0.719136 F1 Score: 0.325241
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679250 Accuracy: 0.719262 F1 Score: 0.325100
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678447 Accuracy: 0.719388 F1 Score: 0.325044
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677566 Accuracy: 0.720020 F1 Score: 0.326066
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677809 Accuracy: 0.719889 F1 Score: 0.326751
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677951 Accuracy: 0.719758 F1 Score: 0.326487
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678334 Accuracy: 0.719378 F1 Score: 0.326221
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677348 Accuracy: 0.720250 F1 Score: 0.328465
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678079 Accuracy: 0.719871 F1 Score: 0.328115
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678108 Accuracy: 0.719990 F1 Score: 0.327891
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678632 Accuracy: 0.719615 F1 Score: 0.327624
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678235 Accuracy: 0.719734 F1 Score: 0.327520
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678141 Accuracy: 0.719853 F1 Score: 0.327416
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678161 Accuracy: 0.719482 F1 Score: 0.327115
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678725 Accuracy: 0.719115 F1 Score: 0.326742
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678338 Accuracy: 0.719234 F1 Score: 0.326605
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677499 Accuracy: 0.719595 F1 Score: 0.326583
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677921 Accuracy: 0.719853 F1 Score: 0.326535
```

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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677031 Accuracy: 0.719952 F1 Score: 0.326525
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677511 Accuracy: 0.719588 F1 Score: 0.327054
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677460 Accuracy: 0.719704 F1 Score: 0.326953
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677923 Accuracy: 0.719344 F1 Score: 0.326662
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678082 Accuracy: 0.719460 F1 Score: 0.327403
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678350 Accuracy: 0.719104 F1 Score: 0.327045
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678874 Accuracy: 0.718750 F1 Score: 0.326756
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679118 Accuracy: 0.718633 F1 Score: 0.326579
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678579 Accuracy: 0.718983 F1 Score: 0.326526
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678410 Accuracy: 0.719099 F1 Score: 0.326396
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679034 Accuracy: 0.718519 F1 Score: 0.325974
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680049 Accuracy: 0.717943 F1 Score: 0.326402
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680088 Accuracy: 0.717601 F1 Score: 0.326152
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679631 Accuracy: 0.717949 F1 Score: 0.326103
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680603 Accuracy: 0.717153 F1 Score: 0.325645
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680254 Accuracy: 0.717045 F1 Score: 0.325446
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679878 Accuracy: 0.717165 F1 Score: 0.325383
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679807 Accuracy: 0.717283 F1 Score: 0.325262
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680223 Accuracy: 0.717176 F1 Score: 0.325096
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679878 Accuracy: 0.717294 F1 Score: 0.326030
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679334 Accuracy: 0.717634 F1 Score: 0.326012
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680037 Accuracy: 0.717527 F1 Score: 0.325785
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679652 Accuracy: 0.717863 F1 Score: 0.325737
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679284 Accuracy: 0.718198 F1 Score: 0.325690
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679034 Accuracy: 0.718090 F1 Score: 0.325497
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.677895 Accuracy: 0.718640 F1 Score: 0.325581
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678654 Accuracy: 0.717876 F1 Score: 0.325204
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679103 Accuracy: 0.717334 F1 Score: 0.324843
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679376 Accuracy: 0.717231 F1 Score: 0.325362
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679266 Accuracy: 0.717561 F1 Score: 0.325317
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679631 Accuracy: 0.717241 F1 Score: 0.325031
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679471 Accuracy: 0.717354 F1 Score: 0.324889
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679365 Accuracy: 0.717252 F1 Score: 0.324705
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679223 Accuracy: 0.717363 F1 Score: 0.325591
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679921 Accuracy: 0.716412 F1 Score: 0.325125
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681387 Accuracy: 0.715678 F1 Score: 0.324678
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681784 Accuracy: 0.715372 F1 Score: 0.325380
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681758 Accuracy: 0.715278 F1 Score: 0.325227
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681464 Accuracy: 0.715604 F1 Score: 0.325976
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680625 Accuracy: 0.715928 F1 Score: 0.326930
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679821 Accuracy: 0.716458 F1 Score: 0.326982
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679978 Accuracy: 0.715947 F1 Score: 0.326631
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679388 Accuracy: 0.716474 F1 Score: 0.326683
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679860 Accuracy: 0.716172 F1 Score: 0.326403
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680119 Accuracy: 0.716077 F1 Score: 0.326222
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679967 Accuracy: 0.716189 F1 Score: 0.326110
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679989 Accuracy: 0.716095 F1 Score: 0.325988
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679897 Accuracy: 0.716205 F1 Score: 0.325877
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680033 Accuracy: 0.716315 F1 Score: 0.325739
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678805 Accuracy: 0.717031 F1 Score: 0.325885
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678979 Accuracy: 0.716734 F1 Score: 0.325642
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679152 Accuracy: 0.716640 F1 Score: 0.326173
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678644 Accuracy: 0.716947 F1 Score: 0.326157
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679409 Accuracy: 0.716653 F1 Score: 0.325942
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679679 Accuracy: 0.716361 F1 Score: 0.325728
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681418 Accuracy: 0.715675 F1 Score: 0.325305
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682173 Accuracy: 0.715388 F1 Score: 0.325882
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682968 Accuracy: 0.714708 F1 Score: 0.325462
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682579 Accuracy: 0.714819 F1 Score: 0.325384
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682697 Accuracy: 0.714734 F1 Score: 0.326064
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682305 Accuracy: 0.715039 F1 Score: 0.326023
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683003 Accuracy: 0.714759 F1 Score: 0.325762
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683414 Accuracy: 0.714286 F1 Score: 0.325494
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684067 Accuracy: 0.714203 F1 Score: 0.326130
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683950 Accuracy: 0.714313 F1 Score: 0.326054
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684509 Accuracy: 0.714038 F1 Score: 0.325797
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684188 Accuracy: 0.714340 F1 Score: 0.325758
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684297 Accuracy: 0.714450 F1 Score: 0.325656
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684277 Accuracy: 0.714367 F1 Score: 0.325465
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683912 Accuracy: 0.714476 F1 Score: 0.325391
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682878 Accuracy: 0.715341 F1 Score: 0.326260
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682768 Accuracy: 0.715446 F1 Score: 0.326209
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682409 Accuracy: 0.715738 F1 Score: 0.326170
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682120 Accuracy: 0.715841 F1 Score: 0.326068
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681699 Accuracy: 0.716130 F1 Score: 0.326080
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682027 Accuracy: 0.715858 F1 Score: 0.325881
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681847 Accuracy: 0.715960 F1 Score: 0.325780
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682045 Accuracy: 0.715690 F1 Score: 0.325558
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682408 Accuracy: 0.715422 F1 Score: 0.325287
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682817 Accuracy: 0.715339 F1 Score: 0.325079
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682763 Accuracy: 0.715257 F1 Score: 0.324922
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681951 Accuracy: 0.715726 F1 Score: 0.324995
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681911 Accuracy: 0.715826 F1 Score: 0.325591
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682060 Accuracy: 0.715743 F1 Score: 0.325434
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682026 Accuracy: 0.715661 F1 Score: 0.325253
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682249 Accuracy: 0.715580 F1 Score: 0.325908
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681862 Accuracy: 0.715860 F1 Score: 0.325920
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682149 Accuracy: 0.715778 F1 Score: 0.325739
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681994 Accuracy: 0.715876 F1 Score: 0.326467
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681568 Accuracy: 0.716332 F1 Score: 0.326512
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681836 Accuracy: 0.716071 F1 Score: 0.326247
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682351 Accuracy: 0.715456 F1 Score: 0.325891
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682798 Accuracy: 0.715199 F1 Score: 0.325654
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683376 Accuracy: 0.714766 F1 Score: 0.325336
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683914 Accuracy: 0.714160 F1 Score: 0.325011
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684163 Accuracy: 0.713908 F1 Score: 0.324827
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683582 Accuracy: 0.714185 F1 Score: 0.324818
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683680 Accuracy: 0.714461 F1 Score: 0.324784
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684099 Accuracy: 0.714385 F1 Score: 0.324612
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683838 Accuracy: 0.714485 F1 Score: 0.324522
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683429 Accuracy: 0.714757 F1 Score: 0.324489
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683370 Accuracy: 0.714855 F1 Score: 0.324423
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682697 Accuracy: 0.715124 F1 Score: 0.324436
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683406 Accuracy: 0.714704 F1 Score: 0.324132
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683919 Accuracy: 0.714457 F1 Score: 0.324671
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683837 Accuracy: 0.714555 F1 Score: 0.326716
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683403 Accuracy: 0.714822 F1 Score: 0.326704
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682887 Accuracy: 0.715089 F1 Score: 0.327459
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682075 Accuracy: 0.715523 F1 Score: 0.327527
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681404 Accuracy: 0.715955 F1 Score: 0.327544
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681822 Accuracy: 0.715541 F1 Score: 0.327257
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682297 Accuracy: 0.715128 F1 Score: 0.326973
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681830 Accuracy: 0.715390 F1 Score: 0.326935
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682581 Accuracy: 0.714980 F1 Score: 0.326629
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683333 Accuracy: 0.714739 F1 Score: 0.326404
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684446 Accuracy: 0.714000 F1 Score: 0.325970
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684148 Accuracy: 0.713930 F1 Score: 0.326619
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683796 Accuracy: 0.714025 F1 Score: 0.326553
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683935 Accuracy: 0.713955 F1 Score: 0.326434
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683307 Accuracy: 0.714215 F1 Score: 0.326424
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683401 Accuracy: 0.714309 F1 Score: 0.327831
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683453 Accuracy: 0.714239 F1 Score: 0.327685
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683505 Accuracy: 0.714005 F1 Score: 0.327461
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683526 Accuracy: 0.713936 F1 Score: 0.327318
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683237 Accuracy: 0.714193 F1 Score: 0.327907
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682916 Accuracy: 0.714448 F1 Score: 0.328619
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682169 Accuracy: 0.715026 F1 Score: 0.328738
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682295 Accuracy: 0.714632 F1 Score: 0.328434
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681956 Accuracy: 0.714884 F1 Score: 0.328447
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682016 Accuracy: 0.715135 F1 Score: 0.328408
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682321 Accuracy: 0.715064 F1 Score: 0.328264
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682714 Accuracy: 0.714834 F1 Score: 0.328017
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682526 Accuracy: 0.714923 F1 Score: 0.327877
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682798 Accuracy: 0.714854 F1 Score: 0.327736
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682330 Accuracy: 0.715260 F1 Score: 0.328363
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681972 Accuracy: 0.715032 F1 Score: 0.328169
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682324 Accuracy: 0.714962 F1 Score: 0.327980
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682629 Accuracy: 0.714578 F1 Score: 0.327736
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681987 Accuracy: 0.714824 F1 Score: 0.328448
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681527 Accuracy: 0.715069 F1 Score: 0.328435
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681489 Accuracy: 0.715000 F1 Score: 0.328295
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682805 Accuracy: 0.714308 F1 Score: 0.327877
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683092 Accuracy: 0.714086 F1 Score: 0.328378
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682484 Accuracy: 0.714485 F1 Score: 0.328442
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682898 Accuracy: 0.714264 F1 Score: 0.328179
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682544 Accuracy: 0.714506 F1 Score: 0.328142
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682740 Accuracy: 0.714440 F1 Score: 0.328005
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682535 Accuracy: 0.714681 F1 Score: 0.328673
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682688 Accuracy: 0.714461 F1 Score: 0.328486
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683267 Accuracy: 0.714242 F1 Score: 0.328250
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683245 Accuracy: 0.714329 F1 Score: 0.328810
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682921 Accuracy: 0.714416 F1 Score: 0.328748
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683057 Accuracy: 0.714351 F1 Score: 0.329277
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682724 Accuracy: 0.714588 F1 Score: 0.329290
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682627 Accuracy: 0.714825 F1 Score: 0.329277
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682568 Accuracy: 0.714759 F1 Score: 0.329141
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682489 Accuracy: 0.714694 F1 Score: 0.329005
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682359 Accuracy: 0.714778 F1 Score: 0.328919
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682643 Accuracy: 0.714414 F1 Score: 0.328637
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682367 Accuracy: 0.714648 F1 Score: 0.328600
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682251 Accuracy: 0.714583 F1 Score: 0.328492
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682052 Accuracy: 0.714667 F1 Score: 0.328432
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682471 Accuracy: 0.714455 F1 Score: 0.328276
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682474 Accuracy: 0.714539 F1 Score: 0.328843
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682710 Accuracy: 0.714475 F1 Score: 0.328686
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683429 Accuracy: 0.713971 F1 Score: 0.329030
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683478 Accuracy: 0.713908 F1 Score: 0.328924
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683377 Accuracy: 0.713847 F1 Score: 0.328793
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683344 Accuracy: 0.713785 F1 Score: 0.328637
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683246 Accuracy: 0.713869 F1 Score: 0.328554
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683380 Accuracy: 0.713808 F1 Score: 0.328449
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682820 Accuracy: 0.714182 F1 Score: 0.328460
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682800 Accuracy: 0.714120 F1 Score: 0.328356
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682214 Accuracy: 0.714492 F1 Score: 0.328392
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682861 Accuracy: 0.713998 F1 Score: 0.328125
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682641 Accuracy: 0.714080 F1 Score: 0.328019
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682401 Accuracy: 0.714450 F1 Score: 0.329312
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682403 Accuracy: 0.714388 F1 Score: 0.329208
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682699 Accuracy: 0.714184 F1 Score: 0.328957
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681977 Accuracy: 0.714550 F1 Score: 0.328992
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681655 Accuracy: 0.714631 F1 Score: 0.328935
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682378 Accuracy: 0.714286 F1 Score: 0.328642
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682462 Accuracy: 0.714367 F1 Score: 0.328536
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682192 Accuracy: 0.714588 F1 Score: 0.328526
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682329 Accuracy: 0.714386 F1 Score: 0.328355
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682220 Accuracy: 0.714466 F1 Score: 0.328863
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681863 Accuracy: 0.714686 F1 Score: 0.328877
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681590 Accuracy: 0.714905 F1 Score: 0.328841
```

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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681423 Accuracy: 0.714844 F1 Score: 0.329242
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681043 Accuracy: 0.715061 F1 Score: 0.329231
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681040 Accuracy: 0.715139 F1 Score: 0.329150
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681286 Accuracy: 0.714939 F1 Score: 0.329948
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681948 Accuracy: 0.714463 F1 Score: 0.329662
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681952 Accuracy: 0.714680 F1 Score: 0.329627
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681772 Accuracy: 0.714758 F1 Score: 0.329547
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682061 Accuracy: 0.714835 F1 Score: 0.329444
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681684 Accuracy: 0.715049 F1 Score: 0.329455
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682123 Accuracy: 0.714716 F1 Score: 0.329218
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682354 Accuracy: 0.714520 F1 Score: 0.329537
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682414 Accuracy: 0.714461 F1 Score: 0.329435
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682684 Accuracy: 0.714130 F1 Score: 0.329201
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682969 Accuracy: 0.714073 F1 Score: 0.329056
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683409 Accuracy: 0.713745 F1 Score: 0.329459
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683578 Accuracy: 0.713553 F1 Score: 0.329293
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683289 Accuracy: 0.713766 F1 Score: 0.329759
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682858 Accuracy: 0.714113 F1 Score: 0.329792
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682879 Accuracy: 0.714056 F1 Score: 0.329669
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683087 Accuracy: 0.713999 F1 Score: 0.329525
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683039 Accuracy: 0.714209 F1 Score: 0.330076
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682606 Accuracy: 0.714552 F1 Score: 0.330130
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682498 Accuracy: 0.714628 F1 Score: 0.330052
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682111 Accuracy: 0.714835 F1 Score: 0.330040
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682141 Accuracy: 0.714778 F1 Score: 0.329941
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682390 Accuracy: 0.714588 F1 Score: 0.329754
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682493 Accuracy: 0.714531 F1 Score: 0.329590
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682078 Accuracy: 0.714737 F1 Score: 0.330132
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682077 Accuracy: 0.714680 F1 Score: 0.330033
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681624 Accuracy: 0.715016 F1 Score: 0.330065
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681356 Accuracy: 0.715220 F1 Score: 0.330030
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681258 Accuracy: 0.715292 F1 Score: 0.329954
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681152 Accuracy: 0.715365 F1 Score: 0.330363
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680730 Accuracy: 0.715567 F1 Score: 0.330897
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680574 Accuracy: 0.715638 F1 Score: 0.330819
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680337 Accuracy: 0.715839 F1 Score: 0.330784
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680458 Accuracy: 0.715780 F1 Score: 0.330686
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680825 Accuracy: 0.715593 F1 Score: 0.330481
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681167 Accuracy: 0.715021 F1 Score: 0.330171
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680568 Accuracy: 0.715349 F1 Score: 0.330201
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680284 Accuracy: 0.715420 F1 Score: 0.330125
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679503 Accuracy: 0.716002 F1 Score: 0.330261
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680092 Accuracy: 0.715816 F1 Score: 0.330059
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680295 Accuracy: 0.715631 F1 Score: 0.329921
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679760 Accuracy: 0.715955 F1 Score: 0.329951
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679734 Accuracy: 0.715898 F1 Score: 0.329834
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679540 Accuracy: 0.715967 F1 Score: 0.329781
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679540 Accuracy: 0.715967 F1 Score: 0.329781
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679627 Accuracy: 0.715909 F1 Score: 0.329624
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679509 Accuracy: 0.715978 F1 Score: 0.329591
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678922 Accuracy: 0.716424 F1 Score: 0.329683
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678783 Accuracy: 0.716616 F1 Score: 0.329650
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679160 Accuracy: 0.716558 F1 Score: 0.329515
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678568 Accuracy: 0.717000 F1 Score: 0.329585
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678547 Accuracy: 0.717066 F1 Score: 0.329511
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678255 Accuracy: 0.717256 F1 Score: 0.329520
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678818 Accuracy: 0.716824 F1 Score: 0.329223
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678844 Accuracy: 0.716642 F1 Score: 0.329090
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679191 Accuracy: 0.716337 F1 Score: 0.328917
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679405 Accuracy: 0.716033 F1 Score: 0.328745
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679209 Accuracy: 0.716100 F1 Score: 0.328694
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679737 Accuracy: 0.715797 F1 Score: 0.328463
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679540 Accuracy: 0.715987 F1 Score: 0.328975
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679332 Accuracy: 0.716054 F1 Score: 0.329884
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679801 Accuracy: 0.715876 F1 Score: 0.330226
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680115 Accuracy: 0.715942 F1 Score: 0.330154
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680524 Accuracy: 0.715887 F1 Score: 0.330990
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680353 Accuracy: 0.716075 F1 Score: 0.330956
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680505 Accuracy: 0.716141 F1 Score: 0.330883
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680547 Accuracy: 0.716206 F1 Score: 0.331244
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680235 Accuracy: 0.716393 F1 Score: 0.331251
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679600 Accuracy: 0.716819 F1 Score: 0.331339
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679275 Accuracy: 0.717004 F1 Score: 0.331325
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679320 Accuracy: 0.717067 F1 Score: 0.331232
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678825 Accuracy: 0.717370 F1 Score: 0.331259
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679122 Accuracy: 0.717193 F1 Score: 0.331086
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679275 Accuracy: 0.717017 F1 Score: 0.330915
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678904 Accuracy: 0.717199 F1 Score: 0.330922
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678966 Accuracy: 0.717143 F1 Score: 0.330790
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679173 Accuracy: 0.717087 F1 Score: 0.330660
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679589 Accuracy: 0.717030 F1 Score: 0.330510
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679171 Accuracy: 0.717330 F1 Score: 0.330537
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679532 Accuracy: 0.717037 F1 Score: 0.330330
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679094 Accuracy: 0.717453 F1 Score: 0.330396
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678696 Accuracy: 0.717750 F1 Score: 0.330847
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678414 Accuracy: 0.718045 F1 Score: 0.330873
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678466 Accuracy: 0.717988 F1 Score: 0.330782
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678305 Accuracy: 0.718048 F1 Score: 0.330730
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678609 Accuracy: 0.717874 F1 Score: 0.330582
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678576 Accuracy: 0.717817 F1 Score: 0.330473
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678729 Accuracy: 0.717644 F1 Score: 0.330307
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678572 Accuracy: 0.717821 F1 Score: 0.330713
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678627 Accuracy: 0.717764 F1 Score: 0.330623
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678850 Accuracy: 0.717708 F1 Score: 0.330478
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679039 Accuracy: 0.717537 F1 Score: 0.330746
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679128 Accuracy: 0.717482 F1 Score: 0.330656
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678744 Accuracy: 0.717772 F1 Score: 0.330664
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678541 Accuracy: 0.717946 F1 Score: 0.330651
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678267 Accuracy: 0.718005 F1 Score: 0.330600
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678871 Accuracy: 0.717491 F1 Score: 0.330340
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678952 Accuracy: 0.717550 F1 Score: 0.330271
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679103 Accuracy: 0.717495 F1 Score: 0.330201
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678757 Accuracy: 0.717782 F1 Score: 0.330244
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679113 Accuracy: 0.717386 F1 Score: 0.330042
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678859 Accuracy: 0.717559 F1 Score: 0.330048
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679540 Accuracy: 0.717165 F1 Score: 0.329848
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679626 Accuracy: 0.716998 F1 Score: 0.329724
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679903 Accuracy: 0.716832 F1 Score: 0.329547
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679820 Accuracy: 0.716892 F1 Score: 0.329480
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680092 Accuracy: 0.716502 F1 Score: 0.329248
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679728 Accuracy: 0.716562 F1 Score: 0.329218
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679900 Accuracy: 0.716398 F1 Score: 0.329060
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679957 Accuracy: 0.716346 F1 Score: 0.328976
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679862 Accuracy: 0.716406 F1 Score: 0.328929
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680016 Accuracy: 0.716355 F1 Score: 0.328827
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680064 Accuracy: 0.716303 F1 Score: 0.328726
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680151 Accuracy: 0.716252 F1 Score: 0.328661
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680112 Accuracy: 0.716090 F1 Score: 0.328524
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680019 Accuracy: 0.716150 F1 Score: 0.328460
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679975 Accuracy: 0.716321 F1 Score: 0.328450
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679724 Accuracy: 0.716490 F1 Score: 0.328440
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679698 Accuracy: 0.716439 F1 Score: 0.328341
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680090 Accuracy: 0.716169 F1 Score: 0.328135
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680297 Accuracy: 0.716009 F1 Score: 0.328494
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680412 Accuracy: 0.715959 F1 Score: 0.328395
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680579 Accuracy: 0.715909 F1 Score: 0.328279
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680697 Accuracy: 0.715969 F1 Score: 0.328251
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680406 Accuracy: 0.716137 F1 Score: 0.328225
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680122 Accuracy: 0.716413 F1 Score: 0.328251
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680130 Accuracy: 0.716363 F1 Score: 0.328136
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680210 Accuracy: 0.716205 F1 Score: 0.328388
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680103 Accuracy: 0.716263 F1 Score: 0.328812
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680545 Accuracy: 0.715997 F1 Score: 0.328592
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680550 Accuracy: 0.715948 F1 Score: 0.328528
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680796 Accuracy: 0.715899 F1 Score: 0.328380
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680928 Accuracy: 0.715851 F1 Score: 0.328300
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680883 Accuracy: 0.715909 F1 Score: 0.328239
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681265 Accuracy: 0.715646 F1 Score: 0.328056
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681817 Accuracy: 0.715278 F1 Score: 0.327839
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681815 Accuracy: 0.715230 F1 Score: 0.328221
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681308 Accuracy: 0.715503 F1 Score: 0.328247
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681552 Accuracy: 0.715455 F1 Score: 0.328529
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681471 Accuracy: 0.715620 F1 Score: 0.328520
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681960 Accuracy: 0.715148 F1 Score: 0.328268
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681744 Accuracy: 0.715313 F1 Score: 0.328243
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682190 Accuracy: 0.714949 F1 Score: 0.328027
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682254 Accuracy: 0.714903 F1 Score: 0.327950
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682137 Accuracy: 0.714962 F1 Score: 0.327907
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682418 Accuracy: 0.714706 F1 Score: 0.327761
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682435 Accuracy: 0.714765 F1 Score: 0.327718
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682323 Accuracy: 0.714824 F1 Score: 0.327676
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682363 Accuracy: 0.714674 F1 Score: 0.327582
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682247 Accuracy: 0.714733 F1 Score: 0.327523
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682483 Accuracy: 0.714583 F1 Score: 0.327381
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682145 Accuracy: 0.714642 F1 Score: 0.327339
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681990 Accuracy: 0.714805 F1 Score: 0.327331
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682045 Accuracy: 0.714760 F1 Score: 0.327240
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681758 Accuracy: 0.714921 F1 Score: 0.327216
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681262 Accuracy: 0.715186 F1 Score: 0.327242
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681032 Accuracy: 0.715243 F1 Score: 0.327200
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681025 Accuracy: 0.715198 F1 Score: 0.327574
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680554 Accuracy: 0.715461 F1 Score: 0.327616
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680252 Accuracy: 0.715620 F1 Score: 0.328055
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680207 Accuracy: 0.715676 F1 Score: 0.328013
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679918 Accuracy: 0.715937 F1 Score: 0.328038
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679628 Accuracy: 0.716095 F1 Score: 0.328408
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679550 Accuracy: 0.716150 F1 Score: 0.328349
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679118 Accuracy: 0.716409 F1 Score: 0.328390
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678883 Accuracy: 0.716565 F1 Score: 0.328364
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679208 Accuracy: 0.716213 F1 Score: 0.328157
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679524 Accuracy: 0.716066 F1 Score: 0.328374
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679628 Accuracy: 0.716019 F1 Score: 0.328267
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679277 Accuracy: 0.716175 F1 Score: 0.328258
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679002 Accuracy: 0.716431 F1 Score: 0.328282
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679036 Accuracy: 0.716284 F1 Score: 0.328158
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679205 Accuracy: 0.716137 F1 Score: 0.328490
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679343 Accuracy: 0.716091 F1 Score: 0.328399
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679782 Accuracy: 0.715745 F1 Score: 0.328194
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679375 Accuracy: 0.716000 F1 Score: 0.328218
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679995 Accuracy: 0.715455 F1 Score: 0.327965
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679798 Accuracy: 0.715610 F1 Score: 0.328324
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680126 Accuracy: 0.715366 F1 Score: 0.328153
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679993 Accuracy: 0.715421 F1 Score: 0.328096
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679776 Accuracy: 0.715575 F1 Score: 0.328537
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679594 Accuracy: 0.715729 F1 Score: 0.328512
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679522 Accuracy: 0.715684 F1 Score: 0.328407
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680056 Accuracy: 0.715442 F1 Score: 0.328253
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679806 Accuracy: 0.715595 F1 Score: 0.328229
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679775 Accuracy: 0.715650 F1 Score: 0.328157
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679668 Accuracy: 0.715802 F1 Score: 0.328576
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679754 Accuracy: 0.715856 F1 Score: 0.328504
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680235 Accuracy: 0.715615 F1 Score: 0.328335
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680905 Accuracy: 0.715278 F1 Score: 0.328089
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681079 Accuracy: 0.715234 F1 Score: 0.328001
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680863 Accuracy: 0.715386 F1 Score: 0.328009
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680656 Accuracy: 0.715440 F1 Score: 0.327969
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680446 Accuracy: 0.715591 F1 Score: 0.328399
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680320 Accuracy: 0.715644 F1 Score: 0.328717
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680327 Accuracy: 0.715698 F1 Score: 0.328661
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680188 Accuracy: 0.715751 F1 Score: 0.328621
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680182 Accuracy: 0.715804 F1 Score: 0.328921
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680161 Accuracy: 0.715856 F1 Score: 0.328865
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680235 Accuracy: 0.715716 F1 Score: 0.328746
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680073 Accuracy: 0.715769 F1 Score: 0.328705
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680008 Accuracy: 0.715726 F1 Score: 0.328603
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679841 Accuracy: 0.715874 F1 Score: 0.328579
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679970 Accuracy: 0.715735 F1 Score: 0.328476
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679858 Accuracy: 0.715692 F1 Score: 0.328405
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679941 Accuracy: 0.715649 F1 Score: 0.328319
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679765 Accuracy: 0.715701 F1 Score: 0.328264
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679333 Accuracy: 0.716039 F1 Score: 0.328669
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679560 Accuracy: 0.715805 F1 Score: 0.328505
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679521 Accuracy: 0.715952 F1 Score: 0.328941
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679595 Accuracy: 0.715814 F1 Score: 0.328823
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679362 Accuracy: 0.716055 F1 Score: 0.328846
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679568 Accuracy: 0.716012 F1 Score: 0.328760
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679316 Accuracy: 0.716063 F1 Score: 0.328705
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679317 Accuracy: 0.716020 F1 Score: 0.328950
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679266 Accuracy: 0.716071 F1 Score: 0.328881
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679106 Accuracy: 0.716122 F1 Score: 0.328826
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679153 Accuracy: 0.716079 F1 Score: 0.328741
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679102 Accuracy: 0.716130 F1 Score: 0.328701
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679437 Accuracy: 0.715901 F1 Score: 0.328555
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679740 Accuracy: 0.715578 F1 Score: 0.328378
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680034 Accuracy: 0.715350 F1 Score: 0.328232
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679872 Accuracy: 0.715402 F1 Score: 0.328601
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679589 Accuracy: 0.715639 F1 Score: 0.328638
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679222 Accuracy: 0.715968 F1 Score: 0.329016
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.678987 Accuracy: 0.716111 F1 Score: 0.329303
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679580 Accuracy: 0.715791 F1 Score: 0.329111
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679687 Accuracy: 0.715842 F1 Score: 0.329043
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.679868 Accuracy: 0.715708 F1 Score: 0.328928
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680376 Accuracy: 0.715390 F1 Score: 0.328696
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680630 Accuracy: 0.715349 F1 Score: 0.328627
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680849 Accuracy: 0.715308 F1 Score: 0.329280
```

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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680680 Accuracy: 0.715451 F1 Score: 0.329271
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680881 Accuracy: 0.715318 F1 Score: 0.329157
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681039 Accuracy: 0.715278 F1 Score: 0.329805
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680754 Accuracy: 0.715420 F1 Score: 0.329810
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681127 Accuracy: 0.715288 F1 Score: 0.329667
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681331 Accuracy: 0.715247 F1 Score: 0.329541
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681143 Accuracy: 0.715389 F1 Score: 0.329505
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680933 Accuracy: 0.715620 F1 Score: 0.329540
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681327 Accuracy: 0.715580 F1 Score: 0.330076
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681157 Accuracy: 0.715539 F1 Score: 0.330006
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681193 Accuracy: 0.715589 F1 Score: 0.329939
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680907 Accuracy: 0.715729 F1 Score: 0.329916
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680804 Accuracy: 0.715688 F1 Score: 0.329820
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680640 Accuracy: 0.715737 F1 Score: 0.329793
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680844 Accuracy: 0.715697 F1 Score: 0.329710
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681032 Accuracy: 0.715567 F1 Score: 0.329597
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681285 Accuracy: 0.715437 F1 Score: 0.329471
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681309 Accuracy: 0.715397 F1 Score: 0.329376
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680905 Accuracy: 0.715625 F1 Score: 0.329410
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680998 Accuracy: 0.715585 F1 Score: 0.329315
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681518 Accuracy: 0.715278 F1 Score: 0.329480
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681640 Accuracy: 0.715238 F1 Score: 0.329398
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681430 Accuracy: 0.715199 F1 Score: 0.329342
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681103 Accuracy: 0.715426 F1 Score: 0.329364
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681352 Accuracy: 0.715297 F1 Score: 0.329252
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681153 Accuracy: 0.715435 F1 Score: 0.329244
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681407 Accuracy: 0.715219 F1 Score: 0.329090
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681196 Accuracy: 0.715444 F1 Score: 0.329099
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681070 Accuracy: 0.715405 F1 Score: 0.329031
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681312 Accuracy: 0.715190 F1 Score: 0.328879
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681233 Accuracy: 0.715239 F1 Score: 0.328828
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681292 Accuracy: 0.715200 F1 Score: 0.329146
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681423 Accuracy: 0.715161 F1 Score: 0.329053
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681445 Accuracy: 0.715122 F1 Score: 0.328973
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681662 Accuracy: 0.714997 F1 Score: 0.328890
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682188 Accuracy: 0.714609 F1 Score: 0.329062
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682109 Accuracy: 0.714572 F1 Score: 0.329363
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682088 Accuracy: 0.714621 F1 Score: 0.329690
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682086 Accuracy: 0.714583 F1 Score: 0.329597
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682266 Accuracy: 0.714546 F1 Score: 0.329504
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682488 Accuracy: 0.714422 F1 Score: 0.329383
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682746 Accuracy: 0.714298 F1 Score: 0.329262
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683251 Accuracy: 0.714002 F1 Score: 0.329057
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683274 Accuracy: 0.713966 F1 Score: 0.328992
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683463 Accuracy: 0.713843 F1 Score: 0.328872
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683365 Accuracy: 0.713979 F1 Score: 0.328852
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683175 Accuracy: 0.714028 F1 Score: 0.328803
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683175 Accuracy: 0.714028 F1 Score: 0.328685
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683556 Accuracy: 0.713820 F1 Score: 0.328681
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683417 Accuracy: 0.713955 F1 Score: 0.328686
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683740 Accuracy: 0.713834 F1 Score: 0.328951
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683288 Accuracy: 0.714139 F1 Score: 0.329001
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683636 Accuracy: 0.713762 F1 Score: 0.328823
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683256 Accuracy: 0.713982 F1 Score: 0.328844
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683514 Accuracy: 0.713946 F1 Score: 0.328754
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683579 Accuracy: 0.713995 F1 Score: 0.329073
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683122 Accuracy: 0.714298 F1 Score: 0.329135
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683460 Accuracy: 0.714007 F1 Score: 0.328947
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683534 Accuracy: 0.713972 F1 Score: 0.328884
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683551 Accuracy: 0.714020 F1 Score: 0.328822
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683610 Accuracy: 0.713984 F1 Score: 0.329053
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683684 Accuracy: 0.713949 F1 Score: 0.328977
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.684072 Accuracy: 0.713745 F1 Score: 0.328793
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683788 Accuracy: 0.714046 F1 Score: 0.328842
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683916 Accuracy: 0.713926 F1 Score: 0.328751
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683728 Accuracy: 0.713891 F1 Score: 0.328688
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683521 Accuracy: 0.713855 F1 Score: 0.328638
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683323 Accuracy: 0.714071 F1 Score: 0.328646
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683285 Accuracy: 0.714035 F1 Score: 0.328571
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683336 Accuracy: 0.714083 F1 Score: 0.328511
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683051 Accuracy: 0.714298 F1 Score: 0.328519
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682754 Accuracy: 0.714428 F1 Score: 0.328524
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682589 Accuracy: 0.714475 F1 Score: 0.328477
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682868 Accuracy: 0.714440 F1 Score: 0.328378
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682866 Accuracy: 0.714321 F1 Score: 0.328263
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682650 Accuracy: 0.714451 F1 Score: 0.328640
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682726 Accuracy: 0.714415 F1 Score: 0.328591
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682516 Accuracy: 0.714545 F1 Score: 0.328954
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682587 Accuracy: 0.714509 F1 Score: 0.329180
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682340 Accuracy: 0.714720 F1 Score: 0.329200
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682127 Accuracy: 0.714849 F1 Score: 0.329192
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681988 Accuracy: 0.714895 F1 Score: 0.329145
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682283 Accuracy: 0.714777 F1 Score: 0.329030
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682327 Accuracy: 0.714741 F1 Score: 0.328956
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682328 Accuracy: 0.714706 F1 Score: 0.328881
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682073 Accuracy: 0.714834 F1 Score: 0.329160
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682585 Accuracy: 0.714553 F1 Score: 0.328967
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682640 Accuracy: 0.714437 F1 Score: 0.328878
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682230 Accuracy: 0.714727 F1 Score: 0.328925
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682720 Accuracy: 0.714448 F1 Score: 0.328757
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682948 Accuracy: 0.714332 F1 Score: 0.328657
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683033 Accuracy: 0.714216 F1 Score: 0.328557
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682849 Accuracy: 0.714263 F1 Score: 0.328523
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682783 Accuracy: 0.714228 F1 Score: 0.328450
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683322 Accuracy: 0.713952 F1 Score: 0.328273
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683158 Accuracy: 0.713998 F1 Score: 0.328251
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683124 Accuracy: 0.713964 F1 Score: 0.328191
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683058 Accuracy: 0.714010 F1 Score: 0.328158
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683062 Accuracy: 0.714056 F1 Score: 0.328113
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683013 Accuracy: 0.714103 F1 Score: 0.328092
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683213 Accuracy: 0.713988 F1 Score: 0.327994
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683172 Accuracy: 0.714035 F1 Score: 0.327949
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683033 Accuracy: 0.714160 F1 Score: 0.327954
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682681 Accuracy: 0.714365 F1 Score: 0.327974
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682859 Accuracy: 0.714331 F1 Score: 0.327879
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682695 Accuracy: 0.714456 F1 Score: 0.327885
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682316 Accuracy: 0.714740 F1 Score: 0.327943
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682468 Accuracy: 0.714626 F1 Score: 0.327869
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682298 Accuracy: 0.714750 F1 Score: 0.328139
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682086 Accuracy: 0.714873 F1 Score: 0.328132
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681549 Accuracy: 0.715234 F1 Score: 0.328216
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681556 Accuracy: 0.715199 F1 Score: 0.328145
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681854 Accuracy: 0.714927 F1 Score: 0.327984
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681871 Accuracy: 0.714893 F1 Score: 0.328187
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681852 Accuracy: 0.714937 F1 Score: 0.328513
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682109 Accuracy: 0.714746 F1 Score: 0.328734
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682198 Accuracy: 0.714711 F1 Score: 0.328675
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682114 Accuracy: 0.714834 F1 Score: 0.328680
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682059 Accuracy: 0.714878 F1 Score: 0.328635
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682130 Accuracy: 0.714844 F1 Score: 0.328552
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682272 Accuracy: 0.714810 F1 Score: 0.328481
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682081 Accuracy: 0.714931 F1 Score: 0.328486
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681779 Accuracy: 0.715131 F1 Score: 0.328517
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681709 Accuracy: 0.715174 F1 Score: 0.328814
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681497 Accuracy: 0.715295 F1 Score: 0.328807
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681655 Accuracy: 0.715183 F1 Score: 0.328699
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682418 Accuracy: 0.714684 F1 Score: 0.328427
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682267 Accuracy: 0.714805 F1 Score: 0.328420
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682352 Accuracy: 0.714694 F1 Score: 0.328348
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682433 Accuracy: 0.714660 F1 Score: 0.328291
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682083 Accuracy: 0.714858 F1 Score: 0.328322
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682171 Accuracy: 0.714825 F1 Score: 0.328252
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682212 Accuracy: 0.714714 F1 Score: 0.328181
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682281 Accuracy: 0.714681 F1 Score: 0.328124
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682493 Accuracy: 0.714647 F1 Score: 0.328031
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682546 Accuracy: 0.714614 F1 Score: 0.327927
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682594 Accuracy: 0.714581 F1 Score: 0.327858
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682567 Accuracy: 0.714548 F1 Score: 0.327813
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682282 Accuracy: 0.714820 F1 Score: 0.327869
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682319 Accuracy: 0.714710 F1 Score: 0.327788
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682300 Accuracy: 0.714753 F1 Score: 0.327745
```

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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682555 Accuracy: 0.714644 F1 Score: 0.327628
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682408 Accuracy: 0.714763 F1 Score: 0.327634
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682416 Accuracy: 0.714730 F1 Score: 0.327566
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682446 Accuracy: 0.714697 F1 Score: 0.327498
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682641 Accuracy: 0.714588 F1 Score: 0.327406
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682629 Accuracy: 0.714631 F1 Score: 0.327375
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682520 Accuracy: 0.714674 F1 Score: 0.327356
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682430 Accuracy: 0.714792 F1 Score: 0.327339
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682379 Accuracy: 0.714834 F1 Score: 0.327320
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682274 Accuracy: 0.714801 F1 Score: 0.327241
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682049 Accuracy: 0.714994 F1 Score: 0.327249
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682178 Accuracy: 0.714886 F1 Score: 0.327169
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682582 Accuracy: 0.714628 F1 Score: 0.326994
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682356 Accuracy: 0.714746 F1 Score: 0.326989
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682598 Accuracy: 0.714563 F1 Score: 0.327122
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682634 Accuracy: 0.714531 F1 Score: 0.327763
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682340 Accuracy: 0.714797 F1 Score: 0.327806
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682318 Accuracy: 0.714839 F1 Score: 0.327764
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681987 Accuracy: 0.714955 F1 Score: 0.327758
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682204 Accuracy: 0.714848 F1 Score: 0.327632
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682231 Accuracy: 0.714742 F1 Score: 0.327530
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682055 Accuracy: 0.714784 F1 Score: 0.327500
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681727 Accuracy: 0.714973 F1 Score: 0.327530
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681858 Accuracy: 0.714941 F1 Score: 0.327452
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681759 Accuracy: 0.714982 F1 Score: 0.327760
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681706 Accuracy: 0.714950 F1 Score: 0.327706
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681381 Accuracy: 0.715139 F1 Score: 0.327736
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681780 Accuracy: 0.714885 F1 Score: 0.327562
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681885 Accuracy: 0.714853 F1 Score: 0.327485
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681652 Accuracy: 0.715041 F1 Score: 0.327504
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681775 Accuracy: 0.714935 F1 Score: 0.327403
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681650 Accuracy: 0.715123 F1 Score: 0.327421
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681410 Accuracy: 0.715310 F1 Score: 0.327439
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681288 Accuracy: 0.715424 F1 Score: 0.327433
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681358 Accuracy: 0.715391 F1 Score: 0.327357
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681630 Accuracy: 0.715213 F1 Score: 0.327810
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681741 Accuracy: 0.715181 F1 Score: 0.327745
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682093 Accuracy: 0.715003 F1 Score: 0.327632
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682234 Accuracy: 0.714898 F1 Score: 0.327797
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682604 Accuracy: 0.714649 F1 Score: 0.327638
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682675 Accuracy: 0.714690 F1 Score: 0.327916
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682321 Accuracy: 0.714948 F1 Score: 0.327958
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682474 Accuracy: 0.714844 F1 Score: 0.327847
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682407 Accuracy: 0.714957 F1 Score: 0.327830
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682626 Accuracy: 0.714925 F1 Score: 0.328006
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682802 Accuracy: 0.714893 F1 Score: 0.327953
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682827 Accuracy: 0.714934 F1 Score: 0.327901
```

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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682768 Accuracy: 0.714902 F1 Score: 0.327858
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682683 Accuracy: 0.715014 F1 Score: 0.327863
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682686 Accuracy: 0.714983 F1 Score: 0.327810
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682992 Accuracy: 0.714808 F1 Score: 0.327677
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682902 Accuracy: 0.714920 F1 Score: 0.327671
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682982 Accuracy: 0.714888 F1 Score: 0.327596
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683026 Accuracy: 0.714857 F1 Score: 0.327532
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682943 Accuracy: 0.714897 F1 Score: 0.327514
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683055 Accuracy: 0.714866 F1 Score: 0.327429
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682557 Accuracy: 0.715191 F1 Score: 0.327504
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682796 Accuracy: 0.715088 F1 Score: 0.327417
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683107 Accuracy: 0.714773 F1 Score: 0.327250
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683142 Accuracy: 0.714742 F1 Score: 0.327187
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683309 Accuracy: 0.714711 F1 Score: 0.327371
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683527 Accuracy: 0.714609 F1 Score: 0.327254
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683342 Accuracy: 0.714720 F1 Score: 0.327581
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683191 Accuracy: 0.714831 F1 Score: 0.327565
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683312 Accuracy: 0.714729 F1 Score: 0.327479
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683512 Accuracy: 0.714628 F1 Score: 0.327618
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683764 Accuracy: 0.714457 F1 Score: 0.327508
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683633 Accuracy: 0.714567 F1 Score: 0.327503
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683453 Accuracy: 0.714747 F1 Score: 0.327531
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683276 Accuracy: 0.714857 F1 Score: 0.327845
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683251 Accuracy: 0.714896 F1 Score: 0.327806
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683218 Accuracy: 0.714866 F1 Score: 0.327764
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683121 Accuracy: 0.714905 F1 Score: 0.327746
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682943 Accuracy: 0.714944 F1 Score: 0.327717
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683021 Accuracy: 0.714844 F1 Score: 0.327621
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683017 Accuracy: 0.714813 F1 Score: 0.327559
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682863 Accuracy: 0.714852 F1 Score: 0.327859
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682800 Accuracy: 0.714892 F1 Score: 0.327809
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682965 Accuracy: 0.714792 F1 Score: 0.327692
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683079 Accuracy: 0.714623 F1 Score: 0.327563
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683163 Accuracy: 0.714523 F1 Score: 0.327489
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683068 Accuracy: 0.714632 F1 Score: 0.327495
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683308 Accuracy: 0.714533 F1 Score: 0.327389
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683129 Accuracy: 0.714641 F1 Score: 0.327635
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683172 Accuracy: 0.714611 F1 Score: 0.327563
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683201 Accuracy: 0.714581 F1 Score: 0.327512
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683054 Accuracy: 0.714689 F1 Score: 0.327506
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682837 Accuracy: 0.714796 F1 Score: 0.327501
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682776 Accuracy: 0.714835 F1 Score: 0.327776
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682493 Accuracy: 0.715011 F1 Score: 0.327804
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682372 Accuracy: 0.715049 F1 Score: 0.327786
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682276 Accuracy: 0.715088 F1 Score: 0.327737
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682367 Accuracy: 0.714989 F1 Score: 0.327643
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682908 Accuracy: 0.714754 F1 Score: 0.327473
```
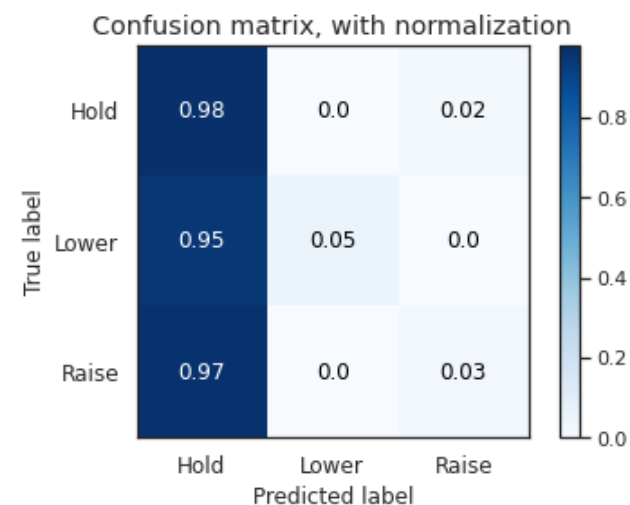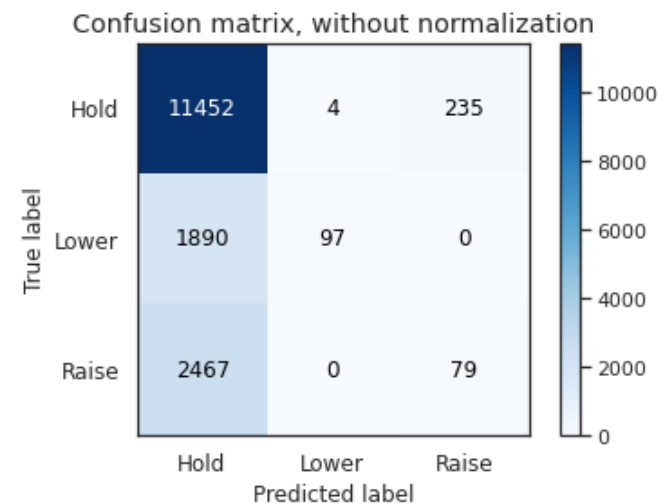
```
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682886 Accuracy: 0.714793 F1 Score: 0.327424
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683012 Accuracy: 0.714626 F1 Score: 0.327318
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683114 Accuracy: 0.714597 F1 Score: 0.327248
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682793 Accuracy: 0.714839 F1 Score: 0.327298
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682812 Accuracy: 0.714878 F1 Score: 0.327270
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682639 Accuracy: 0.714984 F1 Score: 0.327265
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682780 Accuracy: 0.714954 F1 Score: 0.327184
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682768 Accuracy: 0.714924 F1 Score: 0.327134
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682955 Accuracy: 0.714759 F1 Score: 0.327030
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.683093 Accuracy: 0.714730 F1 Score: 0.326950
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682815 Accuracy: 0.714970 F1 Score: 0.326999
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682814 Accuracy: 0.715008 F1 Score: 0.326962
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682576 Accuracy: 0.715248 F1 Score: 0.327011
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682449 Accuracy: 0.715353 F1 Score: 0.327314
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682629 Accuracy: 0.715255 F1 Score: 0.327457
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682436 Accuracy: 0.715293 F1 Score: 0.327430
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682488 Accuracy: 0.715129 F1 Score: 0.327336
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682524 Accuracy: 0.715099 F1 Score: 0.327256
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682335 Accuracy: 0.715270 F1 Score: 0.327273
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682337 Accuracy: 0.715307 F1 Score: 0.327226
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682081 Accuracy: 0.715411 F1 Score: 0.327230
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682171 Accuracy: 0.715448 F1 Score: 0.327426
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682231 Accuracy: 0.715485 F1 Score: 0.327379
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682180 Accuracy: 0.715522 F1 Score: 0.327352
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682091 Accuracy: 0.715559 F1 Score: 0.327315
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682240 Accuracy: 0.715462 F1 Score: 0.327224
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682092 Accuracy: 0.715565 F1 Score: 0.327209
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682265 Accuracy: 0.715469 F1 Score: 0.327099
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681986 Accuracy: 0.715638 F1 Score: 0.327125
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682056 Accuracy: 0.715476 F1 Score: 0.327013
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682124 Accuracy: 0.715447 F1 Score: 0.326964
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.682112 Accuracy: 0.715483 F1 Score: 0.326937
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681773 Accuracy: 0.715651 F1 Score: 0.326963
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681616 Accuracy: 0.715753 F1 Score: 0.326958
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681282 Accuracy: 0.715921 F1 Score: 0.326984
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681525 Accuracy: 0.715694 F1 Score: 0.326861
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681492 Accuracy: 0.715730 F1 Score: 0.326805
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681506 Accuracy: 0.715635 F1 Score: 0.326735
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681746 Accuracy: 0.715474 F1 Score: 0.326635
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681486 Accuracy: 0.715641 F1 Score: 0.326661
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681288 Accuracy: 0.715743 F1 Score: 0.326656
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680914 Accuracy: 0.715974 F1 Score: 0.326932
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681040 Accuracy: 0.715945 F1 Score: 0.326874
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681015 Accuracy: 0.715980 F1 Score: 0.327076
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680968 Accuracy: 0.716016 F1 Score: 0.327030
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681441 Accuracy: 0.715726 F1 Score: 0.326858
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681511 Accuracy: 0.715761 F1 Score: 0.326832
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Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681578 Accuracy: 0.715797 F1 Score: 0.326805
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681630 Accuracy: 0.715768 F1 Score: 0.326748
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681566 Accuracy: 0.715803 F1 Score: 0.326712
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681486 Accuracy: 0.715839 F1 Score: 0.326685
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681445 Accuracy: 0.715874 F1 Score: 0.326640
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681333 Accuracy: 0.715974 F1 Score: 0.326626
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681417 Accuracy: 0.715944 F1 Score: 0.326578
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681410 Accuracy: 0.715915 F1 Score: 0.326522
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681230 Accuracy: 0.716014 F1 Score: 0.326517
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681066 Accuracy: 0.716178 F1 Score: 0.326524
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680894 Accuracy: 0.716277 F1 Score: 0.326519
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680810 Accuracy: 0.716247 F1 Score: 0.326471
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680773 Accuracy: 0.716154 F1 Score: 0.326394
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680783 Accuracy: 0.716124 F1 Score: 0.326346
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681275 Accuracy: 0.715903 F1 Score: 0.326209
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681404 Accuracy: 0.715810 F1 Score: 0.326104
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681285 Accuracy: 0.715909 F1 Score: 0.326395
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681459 Accuracy: 0.715880 F1 Score: 0.326544
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681485 Accuracy: 0.715915 F1 Score: 0.326518
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681291 Accuracy: 0.716013 F1 Score: 0.326522
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681161 Accuracy: 0.716048 F1 Score: 0.326790
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681234 Accuracy: 0.715955 F1 Score: 0.326713
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681445 Accuracy: 0.715736 F1 Score: 0.326576
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681397 Accuracy: 0.715834 F1 Score: 0.326553
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681533 Accuracy: 0.715805 F1 Score: 0.326497
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681280 Accuracy: 0.715967 F1 Score: 0.326513
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681367 Accuracy: 0.715938 F1 Score: 0.326448
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681417 Accuracy: 0.715909 F1 Score: 0.326615
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681541 Accuracy: 0.715817 F1 Score: 0.326811
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681758 Accuracy: 0.715663 F1 Score: 0.326695
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681697 Accuracy: 0.715697 F1 Score: 0.326670
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681378 Accuracy: 0.715921 F1 Score: 0.326715
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681492 Accuracy: 0.715829 F1 Score: 0.326639
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681664 Accuracy: 0.715738 F1 Score: 0.326545
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681613 Accuracy: 0.715772 F1 Score: 0.326520
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681509 Accuracy: 0.715807 F1 Score: 0.326494
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681532 Accuracy: 0.715716 F1 Score: 0.326410
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681369 Accuracy: 0.715812 F1 Score: 0.326396
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681242 Accuracy: 0.715909 F1 Score: 0.326611
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681220 Accuracy: 0.715943 F1 Score: 0.326585
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681412 Accuracy: 0.715790 F1 Score: 0.326472
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681213 Accuracy: 0.715949 F1 Score: 0.326487
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681376 Accuracy: 0.715858 F1 Score: 0.326403
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681108 Accuracy: 0.716016 F1 Score: 0.326428
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681060 Accuracy: 0.715988 F1 Score: 0.326365
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.681133 Accuracy: 0.715960 F1 Score: 0.326302
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680834 Accuracy: 0.716179 F1 Score: 0.326564
```

```
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680834 Accuracy: 0.716179 F1 Score: 0.326564
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680846 Accuracy: 0.716213 F1 Score: 0.326756
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680647 Accuracy: 0.716370 F1 Score: 0.326771
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680496 Accuracy: 0.716465 F1 Score: 0.326775
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680212 Accuracy: 0.716683 F1 Score: 0.326819
Epoch: 2/3... Step: 1900... Loss: 0.810268... Val Loss: 0.680155 Accuracy: 0.716716 F1 Score: 0.327010
1900 steps in epoch 2

Epoch: 2, Average Accuracy: 0.71671598, Average f1: 0.32700979

<Figure size 432x288 with 0 Axes>
```

Confusion matrix, without normalization

Confusion matrix, with normalization


```
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.740034 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.623388 Accuracy: 0.750000 F1 Score: 0.285714
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.702258 Accuracy: 0.687500 F1 Score: 0.325598
```

```
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.702238 Accuracy: 0.687500 F1 Score: 0.323598
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.661660 Accuracy: 0.718750 F1 Score: 0.360063
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.651067 Accuracy: 0.725000 F1 Score: 0.416815
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.668890 Accuracy: 0.718750 F1 Score: 0.431564
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.663109 Accuracy: 0.714286 F1 Score: 0.411765
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672014 Accuracy: 0.710938 F1 Score: 0.394882
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679515 Accuracy: 0.701389 F1 Score: 0.382533
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.688328 Accuracy: 0.706250 F1 Score: 0.375224
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.692699 Accuracy: 0.704545 F1 Score: 0.366565
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674391 Accuracy: 0.708333 F1 Score: 0.363889
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674596 Accuracy: 0.706731 F1 Score: 0.355865
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672249 Accuracy: 0.709821 F1 Score: 0.352804
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.692233 Accuracy: 0.695833 F1 Score: 0.341225
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.686853 Accuracy: 0.695312 F1 Score: 0.338658
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.689253 Accuracy: 0.687500 F1 Score: 0.330939
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.686117 Accuracy: 0.687500 F1 Score: 0.329114
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.714560 Accuracy: 0.671053 F1 Score: 0.319608
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.719984 Accuracy: 0.671875 F1 Score: 0.316975
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.714656 Accuracy: 0.678571 F1 Score: 0.325681
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.723336 Accuracy: 0.673295 F1 Score: 0.328600
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.709176 Accuracy: 0.684783 F1 Score: 0.331027
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.714690 Accuracy: 0.682292 F1 Score: 0.334347
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.704119 Accuracy: 0.690000 F1 Score: 0.346504
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.695236 Accuracy: 0.694712 F1 Score: 0.352255
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.693823 Accuracy: 0.689815 F1 Score: 0.347508
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.691104 Accuracy: 0.689732 F1 Score: 0.345206
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.684185 Accuracy: 0.696121 F1 Score: 0.355200
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682118 Accuracy: 0.697917 F1 Score: 0.353562
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680575 Accuracy: 0.697581 F1 Score: 0.350757
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677324 Accuracy: 0.697266 F1 Score: 0.348498
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680789 Accuracy: 0.693182 F1 Score: 0.344487
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681618 Accuracy: 0.694853 F1 Score: 0.343440
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.683643 Accuracy: 0.694643 F1 Score: 0.341563
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680855 Accuracy: 0.694444 F1 Score: 0.344719
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672542 Accuracy: 0.701014 F1 Score: 0.345905
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.666452 Accuracy: 0.705592 F1 Score: 0.346284
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673241 Accuracy: 0.701923 F1 Score: 0.342977
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671141 Accuracy: 0.703125 F1 Score: 0.342017
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.667724 Accuracy: 0.705793 F1 Score: 0.341798
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.666226 Accuracy: 0.706845 F1 Score: 0.345226
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674906 Accuracy: 0.702035 F1 Score: 0.341633
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.667890 Accuracy: 0.705966 F1 Score: 0.341996
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670723 Accuracy: 0.705556 F1 Score: 0.340498
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674844 Accuracy: 0.705163 F1 Score: 0.339071
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675590 Accuracy: 0.704787 F1 Score: 0.341771
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670459 Accuracy: 0.708333 F1 Score: 0.347721
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670890 Accuracy: 0.706633 F1 Score: 0.345667
```

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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673476 Accuracy: 0.705000 F1 Score: 0.343727
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682111 Accuracy: 0.698529 F1 Score: 0.339689
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.684972 Accuracy: 0.697115 F1 Score: 0.337957
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678885 Accuracy: 0.701651 F1 Score: 0.343624
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675741 Accuracy: 0.703704 F1 Score: 0.343388
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678091 Accuracy: 0.702273 F1 Score: 0.341648
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674986 Accuracy: 0.705357 F1 Score: 0.346407
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674341 Accuracy: 0.706140 F1 Score: 0.345615
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674763 Accuracy: 0.705819 F1 Score: 0.344439
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682048 Accuracy: 0.702331 F1 Score: 0.341878
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680211 Accuracy: 0.703125 F1 Score: 0.344524
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677782 Accuracy: 0.704918 F1 Score: 0.344286
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675679 Accuracy: 0.706653 F1 Score: 0.344064
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677139 Accuracy: 0.705357 F1 Score: 0.342525
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679760 Accuracy: 0.704102 F1 Score: 0.347283
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677329 Accuracy: 0.705769 F1 Score: 0.347013
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674429 Accuracy: 0.708333 F1 Score: 0.347250
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676027 Accuracy: 0.708022 F1 Score: 0.353484
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675145 Accuracy: 0.708640 F1 Score: 0.352780
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678082 Accuracy: 0.708333 F1 Score: 0.351657
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676970 Accuracy: 0.708929 F1 Score: 0.350989
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677758 Accuracy: 0.707746 F1 Score: 0.349509
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676963 Accuracy: 0.710069 F1 Score: 0.349675
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678197 Accuracy: 0.710616 F1 Score: 0.349045
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675514 Accuracy: 0.711149 F1 Score: 0.348418
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673208 Accuracy: 0.713333 F1 Score: 0.348565
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671966 Accuracy: 0.712993 F1 Score: 0.350804
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674815 Accuracy: 0.710227 F1 Score: 0.351847
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673394 Accuracy: 0.710737 F1 Score: 0.351193
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671979 Accuracy: 0.711234 F1 Score: 0.350586
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672021 Accuracy: 0.711719 F1 Score: 0.349990
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670628 Accuracy: 0.712963 F1 Score: 0.349777
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.669770 Accuracy: 0.713415 F1 Score: 0.349196
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.669838 Accuracy: 0.713855 F1 Score: 0.348625
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.668740 Accuracy: 0.714286 F1 Score: 0.348013
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.668411 Accuracy: 0.714706 F1 Score: 0.347464
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670085 Accuracy: 0.713663 F1 Score: 0.346290
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672315 Accuracy: 0.713362 F1 Score: 0.347912
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673015 Accuracy: 0.712358 F1 Score: 0.346770
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670990 Accuracy: 0.714185 F1 Score: 0.349288
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670444 Accuracy: 0.714583 F1 Score: 0.348762
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672086 Accuracy: 0.714286 F1 Score: 0.347935
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670725 Accuracy: 0.715353 F1 Score: 0.350021
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670169 Accuracy: 0.715726 F1 Score: 0.352185
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.668671 Accuracy: 0.716755 F1 Score: 0.351972
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670158 Accuracy: 0.716447 F1 Score: 0.351146
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670556 Accuracy: 0.715495 F1 Score: 0.350045
```

```
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671670 Accuracy: 0.714562 F1 Score: 0.351503
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670359 Accuracy: 0.714923 F1 Score: 0.353561
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.668922 Accuracy: 0.715909 F1 Score: 0.353363
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.669782 Accuracy: 0.716250 F1 Score: 0.355287
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673636 Accuracy: 0.714109 F1 Score: 0.353543
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674053 Accuracy: 0.713235 F1 Score: 0.354955
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674078 Accuracy: 0.714199 F1 Score: 0.354715
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673240 Accuracy: 0.715144 F1 Score: 0.356758
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672339 Accuracy: 0.715476 F1 Score: 0.356248
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672142 Accuracy: 0.715802 F1 Score: 0.357962
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675271 Accuracy: 0.713785 F1 Score: 0.358404
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674666 Accuracy: 0.714699 F1 Score: 0.358086
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675963 Accuracy: 0.714450 F1 Score: 0.359355
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676719 Accuracy: 0.713636 F1 Score: 0.358369
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678360 Accuracy: 0.712275 F1 Score: 0.356966
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678085 Accuracy: 0.713170 F1 Score: 0.356736
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677941 Accuracy: 0.713496 F1 Score: 0.358316
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676989 Accuracy: 0.713816 F1 Score: 0.357913
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676404 Accuracy: 0.714674 F1 Score: 0.357815
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675013 Accuracy: 0.715517 F1 Score: 0.357719
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675020 Accuracy: 0.715278 F1 Score: 0.357033
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674928 Accuracy: 0.715042 F1 Score: 0.356216
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675716 Accuracy: 0.713761 F1 Score: 0.355117
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673417 Accuracy: 0.715625 F1 Score: 0.355397
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673204 Accuracy: 0.715909 F1 Score: 0.355030
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672436 Accuracy: 0.716189 F1 Score: 0.354598
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674091 Accuracy: 0.715955 F1 Score: 0.353832
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675093 Accuracy: 0.715726 F1 Score: 0.354922
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675569 Accuracy: 0.714500 F1 Score: 0.355779
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678649 Accuracy: 0.712302 F1 Score: 0.354207
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678041 Accuracy: 0.713091 F1 Score: 0.354071
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679738 Accuracy: 0.711426 F1 Score: 0.352808
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681888 Accuracy: 0.710756 F1 Score: 0.351965
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.683633 Accuracy: 0.709135 F1 Score: 0.352331
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681949 Accuracy: 0.709447 F1 Score: 0.352072
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682865 Accuracy: 0.708807 F1 Score: 0.351314
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682222 Accuracy: 0.709117 F1 Score: 0.351069
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.683035 Accuracy: 0.708489 F1 Score: 0.350158
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682047 Accuracy: 0.709722 F1 Score: 0.350296
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681558 Accuracy: 0.709559 F1 Score: 0.353024
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681951 Accuracy: 0.709398 F1 Score: 0.352475
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680109 Accuracy: 0.710598 F1 Score: 0.354222
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678507 Accuracy: 0.711331 F1 Score: 0.355754
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677284 Accuracy: 0.712054 F1 Score: 0.355630
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676210 Accuracy: 0.712323 F1 Score: 0.355324
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677899 Accuracy: 0.711268 F1 Score: 0.355785
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677904 Accuracy: 0.711538 F1 Score: 0.355307
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677277 Accuracy: 0.711806 F1 Score: 0.354949
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675699 Accuracy: 0.712500 F1 Score: 0.354720
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674983 Accuracy: 0.713185 F1 Score: 0.354546
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673703 Accuracy: 0.713010 F1 Score: 0.354125
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674536 Accuracy: 0.712416 F1 Score: 0.353431
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673206 Accuracy: 0.712668 F1 Score: 0.353145
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672717 Accuracy: 0.712917 F1 Score: 0.352754
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671589 Accuracy: 0.713576 F1 Score: 0.352643
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672508 Accuracy: 0.712582 F1 Score: 0.351861
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671886 Accuracy: 0.712827 F1 Score: 0.351536
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671512 Accuracy: 0.713474 F1 Score: 0.351326
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672580 Accuracy: 0.712903 F1 Score: 0.352088
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672549 Accuracy: 0.713141 F1 Score: 0.351768
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673399 Accuracy: 0.713376 F1 Score: 0.352877
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672531 Accuracy: 0.714003 F1 Score: 0.354172
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674651 Accuracy: 0.712264 F1 Score: 0.352998
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674216 Accuracy: 0.712500 F1 Score: 0.352797
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673220 Accuracy: 0.713121 F1 Score: 0.352640
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672583 Accuracy: 0.712963 F1 Score: 0.352232
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673061 Accuracy: 0.712423 F1 Score: 0.351619
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673260 Accuracy: 0.712652 F1 Score: 0.351207
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673921 Accuracy: 0.712500 F1 Score: 0.350704
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673072 Accuracy: 0.712726 F1 Score: 0.350463
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674206 Accuracy: 0.711826 F1 Score: 0.349571
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675374 Accuracy: 0.711310 F1 Score: 0.348892
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676827 Accuracy: 0.710059 F1 Score: 0.347982
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675358 Accuracy: 0.710294 F1 Score: 0.347759
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674942 Accuracy: 0.710526 F1 Score: 0.347539
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675754 Accuracy: 0.710029 F1 Score: 0.346842
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676649 Accuracy: 0.708092 F1 Score: 0.345835
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675724 Accuracy: 0.708693 F1 Score: 0.345768
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677552 Accuracy: 0.707857 F1 Score: 0.346194
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677638 Accuracy: 0.707741 F1 Score: 0.346982
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677456 Accuracy: 0.708333 F1 Score: 0.346869
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677427 Accuracy: 0.708216 F1 Score: 0.346561
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679061 Accuracy: 0.707402 F1 Score: 0.345772
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679656 Accuracy: 0.707639 F1 Score: 0.346645
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678485 Accuracy: 0.708564 F1 Score: 0.347999
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678364 Accuracy: 0.708104 F1 Score: 0.347512
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677870 Accuracy: 0.708333 F1 Score: 0.347264
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678618 Accuracy: 0.707880 F1 Score: 0.346708
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678751 Accuracy: 0.707432 F1 Score: 0.346198
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679391 Accuracy: 0.706989 F1 Score: 0.348095
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679379 Accuracy: 0.706885 F1 Score: 0.347762
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678891 Accuracy: 0.707114 F1 Score: 0.348662
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679660 Accuracy: 0.707341 F1 Score: 0.348380
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679402 Accuracy: 0.707895 F1 Score: 0.348272
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678865 Accuracy: 0.708115 F1 Score: 0.348072
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678236 Accuracy: 0.708333 F1 Score: 0.347834
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678018 Accuracy: 0.708549 F1 Score: 0.348834
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677506 Accuracy: 0.708763 F1 Score: 0.348636
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677984 Accuracy: 0.708654 F1 Score: 0.348231
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677620 Accuracy: 0.708865 F1 Score: 0.348037
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678964 Accuracy: 0.707805 F1 Score: 0.347181
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678847 Accuracy: 0.707702 F1 Score: 0.346830
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677477 Accuracy: 0.708543 F1 Score: 0.348093
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679620 Accuracy: 0.707500 F1 Score: 0.347249
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680435 Accuracy: 0.706779 F1 Score: 0.346619
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679885 Accuracy: 0.707302 F1 Score: 0.346521
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679502 Accuracy: 0.707820 F1 Score: 0.346462
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679003 Accuracy: 0.707721 F1 Score: 0.346124
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678393 Accuracy: 0.708232 F1 Score: 0.346067
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678690 Accuracy: 0.708131 F1 Score: 0.345694
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677451 Accuracy: 0.708937 F1 Score: 0.345793
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677234 Accuracy: 0.708433 F1 Score: 0.345019
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678322 Accuracy: 0.708036 F1 Score: 0.344505
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678341 Accuracy: 0.707642 F1 Score: 0.344108
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679319 Accuracy: 0.706958 F1 Score: 0.343453
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679123 Accuracy: 0.706866 F1 Score: 0.344127
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679521 Accuracy: 0.706776 F1 Score: 0.343779
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678596 Accuracy: 0.707558 F1 Score: 0.344890
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677119 Accuracy: 0.708623 F1 Score: 0.345099
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678156 Accuracy: 0.708237 F1 Score: 0.344569
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678788 Accuracy: 0.707569 F1 Score: 0.344104
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679133 Accuracy: 0.706621 F1 Score: 0.343432
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678826 Accuracy: 0.706818 F1 Score: 0.343275
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679607 Accuracy: 0.706165 F1 Score: 0.343739
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680163 Accuracy: 0.706363 F1 Score: 0.343549
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680950 Accuracy: 0.705717 F1 Score: 0.343073
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680848 Accuracy: 0.705636 F1 Score: 0.342709
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680700 Accuracy: 0.705833 F1 Score: 0.342525
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680128 Accuracy: 0.706029 F1 Score: 0.343403
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679534 Accuracy: 0.706773 F1 Score: 0.343428
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679319 Accuracy: 0.706963 F1 Score: 0.343243
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679948 Accuracy: 0.706878 F1 Score: 0.343909
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679766 Accuracy: 0.707065 F1 Score: 0.343759
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679416 Accuracy: 0.706981 F1 Score: 0.343505
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679800 Accuracy: 0.707166 F1 Score: 0.343322
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679788 Accuracy: 0.706813 F1 Score: 0.342901
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678921 Accuracy: 0.707265 F1 Score: 0.343787
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678623 Accuracy: 0.707447 F1 Score: 0.343606
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677494 Accuracy: 0.708157 F1 Score: 0.343695
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677313 Accuracy: 0.708333 F1 Score: 0.343547
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677313 Accuracy: 0.708333 F1 Score: 0.343347
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676964 Accuracy: 0.708508 F1 Score: 0.343399
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675836 Accuracy: 0.709205 F1 Score: 0.345465
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674598 Accuracy: 0.709896 F1 Score: 0.345552
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674395 Accuracy: 0.709803 F1 Score: 0.345267
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673365 Accuracy: 0.710486 F1 Score: 0.346329
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673536 Accuracy: 0.710391 F1 Score: 0.346043
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673016 Accuracy: 0.710553 F1 Score: 0.345858
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672200 Accuracy: 0.710714 F1 Score: 0.345748
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671245 Accuracy: 0.711382 F1 Score: 0.346719
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671787 Accuracy: 0.711032 F1 Score: 0.346338
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671943 Accuracy: 0.710685 F1 Score: 0.345887
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672216 Accuracy: 0.710341 F1 Score: 0.345548
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671258 Accuracy: 0.711250 F1 Score: 0.347549
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672029 Accuracy: 0.710906 F1 Score: 0.347134
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672303 Accuracy: 0.711310 F1 Score: 0.347951
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672473 Accuracy: 0.711215 F1 Score: 0.348677
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671949 Accuracy: 0.711614 F1 Score: 0.349590
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671715 Accuracy: 0.711765 F1 Score: 0.349440
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671697 Accuracy: 0.711426 F1 Score: 0.349064
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671875 Accuracy: 0.710756 F1 Score: 0.348242
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670941 Accuracy: 0.711149 F1 Score: 0.348191
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.670834 Accuracy: 0.711298 F1 Score: 0.347971
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671192 Accuracy: 0.710967 F1 Score: 0.348399
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671017 Accuracy: 0.711116 F1 Score: 0.348255
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671412 Accuracy: 0.711027 F1 Score: 0.348803
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671570 Accuracy: 0.710938 F1 Score: 0.348567
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671682 Accuracy: 0.710849 F1 Score: 0.349154
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672373 Accuracy: 0.710526 F1 Score: 0.348792
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672237 Accuracy: 0.710674 F1 Score: 0.348651
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671795 Accuracy: 0.711054 F1 Score: 0.348564
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671865 Accuracy: 0.710967 F1 Score: 0.348298
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672396 Accuracy: 0.710648 F1 Score: 0.348784
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673693 Accuracy: 0.709871 F1 Score: 0.348218
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673779 Accuracy: 0.709789 F1 Score: 0.347994
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673119 Accuracy: 0.709936 F1 Score: 0.347786
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673735 Accuracy: 0.709170 F1 Score: 0.347231
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673407 Accuracy: 0.709318 F1 Score: 0.347957
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673078 Accuracy: 0.709466 F1 Score: 0.347863
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673255 Accuracy: 0.709386 F1 Score: 0.347571
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673532 Accuracy: 0.709308 F1 Score: 0.347356
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673553 Accuracy: 0.709229 F1 Score: 0.347913
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673167 Accuracy: 0.709598 F1 Score: 0.347869
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673311 Accuracy: 0.709885 F1 Score: 0.347499
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672896 Accuracy: 0.710247 F1 Score: 0.347418
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672241 Accuracy: 0.710387 F1 Score: 0.348122
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672341 Accuracy: 0.710387 F1 Score: 0.348122
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671188 Accuracy: 0.710965 F1 Score: 0.348197
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.671698 Accuracy: 0.710446 F1 Score: 0.348575
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672455 Accuracy: 0.709930 F1 Score: 0.348124
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672948 Accuracy: 0.709635 F1 Score: 0.347723
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672860 Accuracy: 0.709991 F1 Score: 0.347643
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673092 Accuracy: 0.710129 F1 Score: 0.349037
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673075 Accuracy: 0.710052 F1 Score: 0.348720
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673130 Accuracy: 0.710188 F1 Score: 0.348557
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672942 Accuracy: 0.710111 F1 Score: 0.349116
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673423 Accuracy: 0.709184 F1 Score: 0.348549
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674936 Accuracy: 0.708263 F1 Score: 0.347880
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675337 Accuracy: 0.708193 F1 Score: 0.349118
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675187 Accuracy: 0.708123 F1 Score: 0.348914
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.674771 Accuracy: 0.708473 F1 Score: 0.349619
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673879 Accuracy: 0.708821 F1 Score: 0.350357
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673181 Accuracy: 0.708958 F1 Score: 0.350196
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673286 Accuracy: 0.708472 F1 Score: 0.350534
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672874 Accuracy: 0.709023 F1 Score: 0.350569
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673377 Accuracy: 0.708746 F1 Score: 0.350215
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673551 Accuracy: 0.708470 F1 Score: 0.350527
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673698 Accuracy: 0.708402 F1 Score: 0.350256
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673725 Accuracy: 0.708333 F1 Score: 0.350088
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673640 Accuracy: 0.708469 F1 Score: 0.349932
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673719 Accuracy: 0.708604 F1 Score: 0.349743
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672430 Accuracy: 0.709547 F1 Score: 0.349968
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672519 Accuracy: 0.709476 F1 Score: 0.349735
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672859 Accuracy: 0.709204 F1 Score: 0.349426
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.672600 Accuracy: 0.709535 F1 Score: 0.349383
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673365 Accuracy: 0.708866 F1 Score: 0.348891
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.673718 Accuracy: 0.708400 F1 Score: 0.348512
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675102 Accuracy: 0.707738 F1 Score: 0.347995
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676005 Accuracy: 0.707476 F1 Score: 0.348307
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676681 Accuracy: 0.707019 F1 Score: 0.347870
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676222 Accuracy: 0.707154 F1 Score: 0.347758
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676334 Accuracy: 0.707092 F1 Score: 0.348203
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676020 Accuracy: 0.707227 F1 Score: 0.348026
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676544 Accuracy: 0.706970 F1 Score: 0.347703
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677158 Accuracy: 0.706522 F1 Score: 0.347372
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677749 Accuracy: 0.706463 F1 Score: 0.347777
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677787 Accuracy: 0.706597 F1 Score: 0.347668
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678352 Accuracy: 0.706154 F1 Score: 0.347246
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678203 Accuracy: 0.706288 F1 Score: 0.347076
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678329 Accuracy: 0.705849 F1 Score: 0.346690
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678323 Accuracy: 0.705793 F1 Score: 0.346451
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678082 Accuracy: 0.705927 F1 Score: 0.346347
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677003 Accuracy: 0.706818 F1 Score: 0.347209
```

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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676606 Accuracy: 0.706760 F1 Score: 0.347061
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676296 Accuracy: 0.706890 F1 Score: 0.346895
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676117 Accuracy: 0.706832 F1 Score: 0.346658
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675687 Accuracy: 0.707148 F1 Score: 0.346654
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675814 Accuracy: 0.706903 F1 Score: 0.346408
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675767 Accuracy: 0.706845 F1 Score: 0.346175
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675963 Accuracy: 0.706788 F1 Score: 0.345972
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676364 Accuracy: 0.706546 F1 Score: 0.345642
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676986 Accuracy: 0.706121 F1 Score: 0.345188
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677052 Accuracy: 0.705882 F1 Score: 0.344893
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676252 Accuracy: 0.706378 F1 Score: 0.344960
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676068 Accuracy: 0.706323 F1 Score: 0.344820
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676213 Accuracy: 0.706086 F1 Score: 0.344557
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676323 Accuracy: 0.706032 F1 Score: 0.344334
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676443 Accuracy: 0.705978 F1 Score: 0.344789
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676076 Accuracy: 0.706105 F1 Score: 0.344692
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676351 Accuracy: 0.705872 F1 Score: 0.344376
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676160 Accuracy: 0.705999 F1 Score: 0.344920
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675889 Accuracy: 0.706304 F1 Score: 0.344862
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676267 Accuracy: 0.705893 F1 Score: 0.344453
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676812 Accuracy: 0.705306 F1 Score: 0.344036
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677088 Accuracy: 0.705078 F1 Score: 0.343755
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677771 Accuracy: 0.704674 F1 Score: 0.343382
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678263 Accuracy: 0.704096 F1 Score: 0.343000
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678404 Accuracy: 0.703873 F1 Score: 0.342780
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677795 Accuracy: 0.704178 F1 Score: 0.342756
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677770 Accuracy: 0.704482 F1 Score: 0.342704
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678229 Accuracy: 0.704434 F1 Score: 0.342496
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677999 Accuracy: 0.704387 F1 Score: 0.342290
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677743 Accuracy: 0.704861 F1 Score: 0.342304
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677669 Accuracy: 0.704986 F1 Score: 0.342216
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676944 Accuracy: 0.705283 F1 Score: 0.342218
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677593 Accuracy: 0.704718 F1 Score: 0.341771
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678155 Accuracy: 0.704499 F1 Score: 0.342118
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678134 Accuracy: 0.704452 F1 Score: 0.343182
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677681 Accuracy: 0.704747 F1 Score: 0.343158
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677110 Accuracy: 0.705041 F1 Score: 0.343762
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676308 Accuracy: 0.705333 F1 Score: 0.343737
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675592 Accuracy: 0.705623 F1 Score: 0.343657
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676058 Accuracy: 0.705236 F1 Score: 0.343328
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676383 Accuracy: 0.704683 F1 Score: 0.342912
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.675895 Accuracy: 0.705141 F1 Score: 0.343568
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676787 Accuracy: 0.704759 F1 Score: 0.343215
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677629 Accuracy: 0.704545 F1 Score: 0.342953
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678895 Accuracy: 0.703667 F1 Score: 0.342368
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678566 Accuracy: 0.703457 F1 Score: 0.342772
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678136 Accuracy: 0.703581 F1 Score: 0.342690
```

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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678500 Accuracy: 0.703208 F1 Score: 0.342345
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678052 Accuracy: 0.703331 F1 Score: 0.342265
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678243 Accuracy: 0.703454 F1 Score: 0.343383
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678391 Accuracy: 0.703412 F1 Score: 0.343214
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678422 Accuracy: 0.703207 F1 Score: 0.342959
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678420 Accuracy: 0.703166 F1 Score: 0.342792
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678069 Accuracy: 0.703288 F1 Score: 0.342740
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677776 Accuracy: 0.703571 F1 Score: 0.343312
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677029 Accuracy: 0.704016 F1 Score: 0.343349
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677155 Accuracy: 0.703327 F1 Score: 0.342864
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676946 Accuracy: 0.703447 F1 Score: 0.342786
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676992 Accuracy: 0.703567 F1 Score: 0.342651
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677195 Accuracy: 0.703365 F1 Score: 0.342430
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677525 Accuracy: 0.703165 F1 Score: 0.342154
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677521 Accuracy: 0.703125 F1 Score: 0.341911
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677863 Accuracy: 0.702926 F1 Score: 0.341666
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677219 Accuracy: 0.703363 F1 Score: 0.342286
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676962 Accuracy: 0.703165 F1 Score: 0.342671
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677393 Accuracy: 0.703125 F1 Score: 0.342456
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677778 Accuracy: 0.702771 F1 Score: 0.342182
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677062 Accuracy: 0.703046 F1 Score: 0.342734
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676671 Accuracy: 0.703321 F1 Score: 0.342715
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676560 Accuracy: 0.703438 F1 Score: 0.342612
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677798 Accuracy: 0.702930 F1 Score: 0.342203
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678068 Accuracy: 0.702736 F1 Score: 0.342553
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677447 Accuracy: 0.703164 F1 Score: 0.342618
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677894 Accuracy: 0.703125 F1 Score: 0.342966
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677564 Accuracy: 0.703395 F1 Score: 0.342920
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677935 Accuracy: 0.703356 F1 Score: 0.342762
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677709 Accuracy: 0.703778 F1 Score: 0.343354
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677818 Accuracy: 0.703585 F1 Score: 0.343141
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678449 Accuracy: 0.703392 F1 Score: 0.342875
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678612 Accuracy: 0.703354 F1 Score: 0.343242
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678236 Accuracy: 0.703315 F1 Score: 0.343114
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678328 Accuracy: 0.703277 F1 Score: 0.343504
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678014 Accuracy: 0.703541 F1 Score: 0.343513
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677994 Accuracy: 0.703804 F1 Score: 0.343494
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678073 Accuracy: 0.703765 F1 Score: 0.343339
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677899 Accuracy: 0.703726 F1 Score: 0.343186
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677804 Accuracy: 0.703987 F1 Score: 0.343707
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678252 Accuracy: 0.703648 F1 Score: 0.343391
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678058 Accuracy: 0.703759 F1 Score: 0.343291
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678094 Accuracy: 0.703571 F1 Score: 0.343086
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677693 Accuracy: 0.703682 F1 Score: 0.343015
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677958 Accuracy: 0.703495 F1 Score: 0.342839
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678106 Accuracy: 0.703457 F1 Score: 0.343194
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678298 Accuracy: 0.703420 F1 Score: 0.343016
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678775 Accuracy: 0.702941 F1 Score: 0.343210
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678799 Accuracy: 0.702905 F1 Score: 0.343089
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678811 Accuracy: 0.702722 F1 Score: 0.342861
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678600 Accuracy: 0.702687 F1 Score: 0.343208
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678637 Accuracy: 0.702652 F1 Score: 0.343060
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678802 Accuracy: 0.702616 F1 Score: 0.342941
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678255 Accuracy: 0.703016 F1 Score: 0.342948
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678209 Accuracy: 0.702980 F1 Score: 0.342829
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677649 Accuracy: 0.703378 F1 Score: 0.342863
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678529 Accuracy: 0.702909 F1 Score: 0.342565
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678354 Accuracy: 0.703017 F1 Score: 0.342443
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677992 Accuracy: 0.703412 F1 Score: 0.343508
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677997 Accuracy: 0.703375 F1 Score: 0.343390
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678115 Accuracy: 0.703339 F1 Score: 0.343698
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677404 Accuracy: 0.703730 F1 Score: 0.343731
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677107 Accuracy: 0.703693 F1 Score: 0.343586
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677906 Accuracy: 0.703373 F1 Score: 0.343257
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678188 Accuracy: 0.703196 F1 Score: 0.342980
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677924 Accuracy: 0.703442 F1 Score: 0.342964
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678118 Accuracy: 0.703266 F1 Score: 0.342772
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678025 Accuracy: 0.703511 F1 Score: 0.343699
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677633 Accuracy: 0.703756 F1 Score: 0.343710
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677457 Accuracy: 0.703719 F1 Score: 0.343512
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677252 Accuracy: 0.703683 F1 Score: 0.343889
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676907 Accuracy: 0.703925 F1 Score: 0.343871
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677094 Accuracy: 0.703889 F1 Score: 0.343702
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677316 Accuracy: 0.703437 F1 Score: 0.343386
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678068 Accuracy: 0.702987 F1 Score: 0.343071
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678166 Accuracy: 0.703228 F1 Score: 0.343029
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678123 Accuracy: 0.703194 F1 Score: 0.342889
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678562 Accuracy: 0.703297 F1 Score: 0.342772
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678116 Accuracy: 0.703536 F1 Score: 0.343239
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678614 Accuracy: 0.703091 F1 Score: 0.342903
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678924 Accuracy: 0.702784 F1 Score: 0.342667
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678916 Accuracy: 0.702751 F1 Score: 0.342555
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679151 Accuracy: 0.702582 F1 Score: 0.342858
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679448 Accuracy: 0.702413 F1 Score: 0.342622
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679854 Accuracy: 0.701975 F1 Score: 0.342826
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679987 Accuracy: 0.701944 F1 Score: 0.343162
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679754 Accuracy: 0.702182 F1 Score: 0.343616
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679403 Accuracy: 0.702554 F1 Score: 0.343648
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679350 Accuracy: 0.702387 F1 Score: 0.343437
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679594 Accuracy: 0.702355 F1 Score: 0.343276
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679687 Accuracy: 0.702591 F1 Score: 0.343714
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679297 Accuracy: 0.702825 F1 Score: 0.343698
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679388 Accuracy: 0.702660 F1 Score: 0.343489
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679010 Accuracy: 0.702893 F1 Score: 0.343473
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679086 Accuracy: 0.702728 F1 Score: 0.343290
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679375 Accuracy: 0.702563 F1 Score: 0.343084
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679607 Accuracy: 0.702532 F1 Score: 0.343373
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679090 Accuracy: 0.702895 F1 Score: 0.344343
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679142 Accuracy: 0.702862 F1 Score: 0.344233
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678656 Accuracy: 0.703223 F1 Score: 0.344263
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678474 Accuracy: 0.703321 F1 Score: 0.344641
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678475 Accuracy: 0.703288 F1 Score: 0.344480
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678399 Accuracy: 0.703125 F1 Score: 0.344299
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677957 Accuracy: 0.703482 F1 Score: 0.345252
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677889 Accuracy: 0.703579 F1 Score: 0.345163
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677721 Accuracy: 0.703934 F1 Score: 0.345622
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677810 Accuracy: 0.703900 F1 Score: 0.345512
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678388 Accuracy: 0.703737 F1 Score: 0.345280
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678631 Accuracy: 0.703189 F1 Score: 0.344937
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677997 Accuracy: 0.703414 F1 Score: 0.344895
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677738 Accuracy: 0.703253 F1 Score: 0.344667
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676921 Accuracy: 0.703860 F1 Score: 0.344812
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677672 Accuracy: 0.703699 F1 Score: 0.344584
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677641 Accuracy: 0.703666 F1 Score: 0.344925
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677251 Accuracy: 0.704014 F1 Score: 0.344954
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677320 Accuracy: 0.703854 F1 Score: 0.344752
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677273 Accuracy: 0.703947 F1 Score: 0.344665
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677368 Accuracy: 0.703788 F1 Score: 0.344417
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677191 Accuracy: 0.703755 F1 Score: 0.344311
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676569 Accuracy: 0.704100 F1 Score: 0.344339
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676456 Accuracy: 0.704192 F1 Score: 0.344254
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676462 Accuracy: 0.704500 F1 Score: 0.344106
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676497 Accuracy: 0.704466 F1 Score: 0.343953
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676205 Accuracy: 0.704557 F1 Score: 0.343916
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676763 Accuracy: 0.704150 F1 Score: 0.343585
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676637 Accuracy: 0.704241 F1 Score: 0.343963
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677011 Accuracy: 0.703960 F1 Score: 0.343770
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677107 Accuracy: 0.703681 F1 Score: 0.343577
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676706 Accuracy: 0.703895 F1 Score: 0.343995
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677227 Accuracy: 0.703617 F1 Score: 0.343734
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677163 Accuracy: 0.703831 F1 Score: 0.344136
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676990 Accuracy: 0.703799 F1 Score: 0.344449
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677583 Accuracy: 0.703645 F1 Score: 0.344668
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677785 Accuracy: 0.703735 F1 Score: 0.344585
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678049 Accuracy: 0.703582 F1 Score: 0.344826
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677957 Accuracy: 0.703794 F1 Score: 0.344787
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678129 Accuracy: 0.703883 F1 Score: 0.344704
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678224 Accuracy: 0.703852 F1 Score: 0.344578
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677969 Accuracy: 0.703820 F1 Score: 0.344499
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677260 Accuracy: 0.704392 F1 Score: 0.345060
```

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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677200 Accuracy: 0.704592 F1 Score: 0.345060
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677168 Accuracy: 0.704447 F1 Score: 0.344806
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676735 Accuracy: 0.704655 F1 Score: 0.344767
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677032 Accuracy: 0.704382 F1 Score: 0.344534
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677153 Accuracy: 0.704111 F1 Score: 0.344279
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676729 Accuracy: 0.704318 F1 Score: 0.344286
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676720 Accuracy: 0.704405 F1 Score: 0.344631
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676991 Accuracy: 0.704254 F1 Score: 0.344420
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677399 Accuracy: 0.704222 F1 Score: 0.344253
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677015 Accuracy: 0.704545 F1 Score: 0.344279
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677316 Accuracy: 0.704395 F1 Score: 0.344510
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676896 Accuracy: 0.704717 F1 Score: 0.344515
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676474 Accuracy: 0.704920 F1 Score: 0.344499
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676097 Accuracy: 0.705240 F1 Score: 0.344525
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676231 Accuracy: 0.705324 F1 Score: 0.344881
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676056 Accuracy: 0.705290 F1 Score: 0.344758
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676294 Accuracy: 0.705257 F1 Score: 0.344635
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676326 Accuracy: 0.705224 F1 Score: 0.344513
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676576 Accuracy: 0.705074 F1 Score: 0.344328
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676540 Accuracy: 0.705042 F1 Score: 0.344207
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676621 Accuracy: 0.704893 F1 Score: 0.344044
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676788 Accuracy: 0.704861 F1 Score: 0.343883
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676921 Accuracy: 0.704713 F1 Score: 0.344128
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677071 Accuracy: 0.704797 F1 Score: 0.344476
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.676783 Accuracy: 0.704995 F1 Score: 0.344420
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677306 Accuracy: 0.704556 F1 Score: 0.343955
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677330 Accuracy: 0.704525 F1 Score: 0.343816
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677414 Accuracy: 0.704494 F1 Score: 0.343738
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677049 Accuracy: 0.704804 F1 Score: 0.343784
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677221 Accuracy: 0.704545 F1 Score: 0.343603
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677478 Accuracy: 0.703995 F1 Score: 0.343099
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677670 Accuracy: 0.703741 F1 Score: 0.342864
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677787 Accuracy: 0.703600 F1 Score: 0.342728
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677673 Accuracy: 0.703683 F1 Score: 0.342674
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677838 Accuracy: 0.703543 F1 Score: 0.342520
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677861 Accuracy: 0.703514 F1 Score: 0.342407
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677872 Accuracy: 0.703486 F1 Score: 0.342333
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677812 Accuracy: 0.703457 F1 Score: 0.342604
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677755 Accuracy: 0.703540 F1 Score: 0.342531
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677755 Accuracy: 0.703540 F1 Score: 0.342531
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677690 Accuracy: 0.703622 F1 Score: 0.342458
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677459 Accuracy: 0.703814 F1 Score: 0.342444
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677397 Accuracy: 0.703895 F1 Score: 0.342795
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677804 Accuracy: 0.703647 F1 Score: 0.342565
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677932 Accuracy: 0.703618 F1 Score: 0.342855
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677925 Accuracy: 0.703590 F1 Score: 0.342743
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678183 Accuracy: 0.703562 F1 Score: 0.342611
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678329 Accuracy: 0.703534 F1 Score: 0.342539
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678113 Accuracy: 0.703506 F1 Score: 0.342389
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677882 Accuracy: 0.703696 F1 Score: 0.342356
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677857 Accuracy: 0.703668 F1 Score: 0.342227
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677913 Accuracy: 0.703531 F1 Score: 0.342078
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677837 Accuracy: 0.703612 F1 Score: 0.342403
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678435 Accuracy: 0.703260 F1 Score: 0.342101
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678421 Accuracy: 0.703233 F1 Score: 0.342030
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678719 Accuracy: 0.703206 F1 Score: 0.341864
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678786 Accuracy: 0.703179 F1 Score: 0.341774
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678719 Accuracy: 0.703259 F1 Score: 0.341705
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679028 Accuracy: 0.703125 F1 Score: 0.341540
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679596 Accuracy: 0.702858 F1 Score: 0.342029
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679489 Accuracy: 0.702912 F1 Score: 0.341853
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679329 Accuracy: 0.702992 F1 Score: 0.341784
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679946 Accuracy: 0.702492 F1 Score: 0.341277
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679928 Accuracy: 0.702466 F1 Score: 0.341190
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679933 Accuracy: 0.702546 F1 Score: 0.341142
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680231 Accuracy: 0.702311 F1 Score: 0.340981
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680185 Accuracy: 0.702391 F1 Score: 0.340933
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680094 Accuracy: 0.702366 F1 Score: 0.340829
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680087 Accuracy: 0.702132 F1 Score: 0.340670
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679989 Accuracy: 0.702212 F1 Score: 0.340604
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679951 Accuracy: 0.701907 F1 Score: 0.340426
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679680 Accuracy: 0.701987 F1 Score: 0.340342
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678920 Accuracy: 0.702351 F1 Score: 0.340322
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678907 Accuracy: 0.702121 F1 Score: 0.340507
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678092 Accuracy: 0.702639 F1 Score: 0.340751
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677269 Accuracy: 0.702972 F1 Score: 0.340648
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677342 Accuracy: 0.702821 F1 Score: 0.340374
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677472 Accuracy: 0.702645 F1 Score: 0.340002
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677327 Accuracy: 0.702621 F1 Score: 0.339866
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677339 Accuracy: 0.702496 F1 Score: 0.339732
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677654 Accuracy: 0.702247 F1 Score: 0.339817
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677875 Accuracy: 0.702000 F1 Score: 0.339534
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678461 Accuracy: 0.701478 F1 Score: 0.339262
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678260 Accuracy: 0.701555 F1 Score: 0.339237
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678669 Accuracy: 0.701334 F1 Score: 0.339053
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678405 Accuracy: 0.701411 F1 Score: 0.338992
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678182 Accuracy: 0.701587 F1 Score: 0.339349
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677937 Accuracy: 0.701763 F1 Score: 0.339322
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678389 Accuracy: 0.701619 F1 Score: 0.339785
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678169 Accuracy: 0.701794 F1 Score: 0.339758
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678264 Accuracy: 0.701772 F1 Score: 0.339625
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678155 Accuracy: 0.701946 F1 Score: 0.339959
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678385 Accuracy: 0.702021 F1 Score: 0.339879
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678762 Accuracy: 0.701803 F1 Score: 0.340056
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679526 Accuracy: 0.701487 F1 Score: 0.339785
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678626 Accuracy: 0.701187 F1 Score: 0.339516
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678018 Accuracy: 0.701484 F1 Score: 0.339646
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678208 Accuracy: 0.701368 F1 Score: 0.339503
```

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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678109 Accuracy: 0.701536 F1 Score: 0.339860
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678177 Accuracy: 0.701420 F1 Score: 0.339735
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677939 Accuracy: 0.701683 F1 Score: 0.339759
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678153 Accuracy: 0.701662 F1 Score: 0.339667
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677925 Accuracy: 0.701735 F1 Score: 0.339609
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677838 Accuracy: 0.701807 F1 Score: 0.340240
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677854 Accuracy: 0.701880 F1 Score: 0.340164
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677683 Accuracy: 0.702046 F1 Score: 0.340842
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677710 Accuracy: 0.702024 F1 Score: 0.340750
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677596 Accuracy: 0.702096 F1 Score: 0.340708
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677882 Accuracy: 0.701887 F1 Score: 0.340550
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678298 Accuracy: 0.701493 F1 Score: 0.340311
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678677 Accuracy: 0.701285 F1 Score: 0.340459
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678457 Accuracy: 0.701544 F1 Score: 0.341163
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678220 Accuracy: 0.701709 F1 Score: 0.341154
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677922 Accuracy: 0.701873 F1 Score: 0.341127
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.677642 Accuracy: 0.701944 F1 Score: 0.341050
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678149 Accuracy: 0.701646 F1 Score: 0.340844
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678410 Accuracy: 0.701625 F1 Score: 0.340718
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.678573 Accuracy: 0.701604 F1 Score: 0.340627
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679056 Accuracy: 0.701307 F1 Score: 0.340370
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679215 Accuracy: 0.701287 F1 Score: 0.340298
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679530 Accuracy: 0.701175 F1 Score: 0.340510
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679395 Accuracy: 0.701338 F1 Score: 0.340502
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679522 Accuracy: 0.701318 F1 Score: 0.340730
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679602 Accuracy: 0.701206 F1 Score: 0.340941
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679362 Accuracy: 0.701460 F1 Score: 0.340981
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679757 Accuracy: 0.701348 F1 Score: 0.340825
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680051 Accuracy: 0.701237 F1 Score: 0.340635
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679931 Accuracy: 0.701308 F1 Score: 0.340543
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679669 Accuracy: 0.701470 F1 Score: 0.340535
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680191 Accuracy: 0.701178 F1 Score: 0.340317
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679950 Accuracy: 0.701339 F1 Score: 0.340937
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679988 Accuracy: 0.701409 F1 Score: 0.340863
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679715 Accuracy: 0.701569 F1 Score: 0.340838
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679600 Accuracy: 0.701549 F1 Score: 0.340732
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679301 Accuracy: 0.701619 F1 Score: 0.340708
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679419 Accuracy: 0.701598 F1 Score: 0.340619
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679567 Accuracy: 0.701489 F1 Score: 0.340499
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679761 Accuracy: 0.701379 F1 Score: 0.340364
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679764 Accuracy: 0.701359 F1 Score: 0.340260
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679518 Accuracy: 0.701518 F1 Score: 0.340235
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679729 Accuracy: 0.701409 F1 Score: 0.340084
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680124 Accuracy: 0.701033 F1 Score: 0.340212
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680223 Accuracy: 0.701014 F1 Score: 0.340125
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680036 Accuracy: 0.700994 F1 Score: 0.340070
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679766 Accuracy: 0.701241 F1 Score: 0.340093
```

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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680071 Accuracy: 0.701045 F1 Score: 0.339928
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679998 Accuracy: 0.701114 F1 Score: 0.339873
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680291 Accuracy: 0.700918 F1 Score: 0.339709
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680012 Accuracy: 0.701164 F1 Score: 0.339716
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679816 Accuracy: 0.701144 F1 Score: 0.339970
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680079 Accuracy: 0.700949 F1 Score: 0.339806
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679986 Accuracy: 0.701018 F1 Score: 0.339751
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679955 Accuracy: 0.700999 F1 Score: 0.339987
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680193 Accuracy: 0.700893 F1 Score: 0.339839
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680155 Accuracy: 0.700874 F1 Score: 0.339754
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680233 Accuracy: 0.700768 F1 Score: 0.339671
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680692 Accuracy: 0.700401 F1 Score: 0.339751
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680636 Accuracy: 0.700383 F1 Score: 0.339969
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680688 Accuracy: 0.700452 F1 Score: 0.340215
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680759 Accuracy: 0.700434 F1 Score: 0.340114
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681029 Accuracy: 0.700329 F1 Score: 0.339968
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681279 Accuracy: 0.700225 F1 Score: 0.339837
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681600 Accuracy: 0.700121 F1 Score: 0.339692
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682147 Accuracy: 0.699845 F1 Score: 0.339455
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682164 Accuracy: 0.699741 F1 Score: 0.339357
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682377 Accuracy: 0.699638 F1 Score: 0.339229
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682220 Accuracy: 0.699794 F1 Score: 0.339207
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681999 Accuracy: 0.699863 F1 Score: 0.339154
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682253 Accuracy: 0.699674 F1 Score: 0.339028
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681942 Accuracy: 0.699829 F1 Score: 0.339037
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682221 Accuracy: 0.699726 F1 Score: 0.339221
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681747 Accuracy: 0.700051 F1 Score: 0.339274
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682042 Accuracy: 0.699778 F1 Score: 0.339445
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681666 Accuracy: 0.700017 F1 Score: 0.339467
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681872 Accuracy: 0.700000 F1 Score: 0.339370
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681989 Accuracy: 0.699983 F1 Score: 0.339565
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681524 Accuracy: 0.700220 F1 Score: 0.339588
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681850 Accuracy: 0.699949 F1 Score: 0.339386
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681958 Accuracy: 0.699848 F1 Score: 0.339291
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682030 Accuracy: 0.699916 F1 Score: 0.339224
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682078 Accuracy: 0.699899 F1 Score: 0.339451
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682332 Accuracy: 0.699798 F1 Score: 0.339325
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682810 Accuracy: 0.699529 F1 Score: 0.339079
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682496 Accuracy: 0.699849 F1 Score: 0.339132
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682565 Accuracy: 0.699748 F1 Score: 0.339037
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682327 Accuracy: 0.699732 F1 Score: 0.338973
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682123 Accuracy: 0.699716 F1 Score: 0.338923
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681985 Accuracy: 0.699950 F1 Score: 0.338931
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681896 Accuracy: 0.699933 F1 Score: 0.338851
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681912 Accuracy: 0.700000 F1 Score: 0.338785
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681737 Accuracy: 0.700067 F1 Score: 0.338704
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681399 Accuracy: 0.700299 F1 Score: 0.338742
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681204 Accuracy: 0.700448 F1 Score: 0.339039
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681558 Accuracy: 0.700348 F1 Score: 0.338885
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681567 Accuracy: 0.700248 F1 Score: 0.338762
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681347 Accuracy: 0.700397 F1 Score: 0.339072
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681388 Accuracy: 0.700380 F1 Score: 0.339023
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681160 Accuracy: 0.700528 F1 Score: 0.339317
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681196 Accuracy: 0.700511 F1 Score: 0.339254
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680927 Accuracy: 0.700740 F1 Score: 0.339275
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680648 Accuracy: 0.700887 F1 Score: 0.339269
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680603 Accuracy: 0.700869 F1 Score: 0.339174
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680907 Accuracy: 0.700770 F1 Score: 0.339052
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680949 Accuracy: 0.700834 F1 Score: 0.339287
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680914 Accuracy: 0.700817 F1 Score: 0.339208
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680649 Accuracy: 0.700800 F1 Score: 0.339398
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681062 Accuracy: 0.700538 F1 Score: 0.339190
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680981 Accuracy: 0.700358 F1 Score: 0.339055
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680552 Accuracy: 0.700666 F1 Score: 0.339105
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681052 Accuracy: 0.700406 F1 Score: 0.338927
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681268 Accuracy: 0.700227 F1 Score: 0.338779
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681402 Accuracy: 0.699968 F1 Score: 0.338587
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681196 Accuracy: 0.700032 F1 Score: 0.338553
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681088 Accuracy: 0.700097 F1 Score: 0.338814
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681782 Accuracy: 0.699839 F1 Score: 0.338624
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681635 Accuracy: 0.699903 F1 Score: 0.338604
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681622 Accuracy: 0.699887 F1 Score: 0.338543
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681602 Accuracy: 0.699871 F1 Score: 0.338466
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681700 Accuracy: 0.699695 F1 Score: 0.338305
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681648 Accuracy: 0.699760 F1 Score: 0.338286
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681834 Accuracy: 0.699664 F1 Score: 0.338183
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681685 Accuracy: 0.699728 F1 Score: 0.338135
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681479 Accuracy: 0.699872 F1 Score: 0.338144
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681113 Accuracy: 0.700175 F1 Score: 0.338193
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681315 Accuracy: 0.700159 F1 Score: 0.338088
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681146 Accuracy: 0.700302 F1 Score: 0.338097
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680767 Accuracy: 0.700604 F1 Score: 0.338161
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680826 Accuracy: 0.700508 F1 Score: 0.338088
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680664 Accuracy: 0.700570 F1 Score: 0.338054
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680416 Accuracy: 0.700712 F1 Score: 0.338049
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679879 Accuracy: 0.701090 F1 Score: 0.338139
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679852 Accuracy: 0.701073 F1 Score: 0.338064
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680210 Accuracy: 0.700898 F1 Score: 0.338467
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680214 Accuracy: 0.700803 F1 Score: 0.338364
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680189 Accuracy: 0.700865 F1 Score: 0.338622
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680494 Accuracy: 0.700691 F1 Score: 0.339039
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680560 Accuracy: 0.700518 F1 Score: 0.338894
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680455 Accuracy: 0.700658 F1 Score: 0.338902
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680481 Accuracy: 0.700720 F1 Score: 0.338854
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680481 Accuracy: 0.700720 F1 Score: 0.338854
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680627 Accuracy: 0.700625 F1 Score: 0.338723
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680778 Accuracy: 0.700609 F1 Score: 0.338649
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680485 Accuracy: 0.700670 F1 Score: 0.338615
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680168 Accuracy: 0.700809 F1 Score: 0.338609
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679952 Accuracy: 0.701026 F1 Score: 0.339459
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679633 Accuracy: 0.701165 F1 Score: 0.339752
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679746 Accuracy: 0.701070 F1 Score: 0.339635
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680594 Accuracy: 0.700589 F1 Score: 0.339341
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680494 Accuracy: 0.700650 F1 Score: 0.339293
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680595 Accuracy: 0.700479 F1 Score: 0.339179
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680618 Accuracy: 0.700463 F1 Score: 0.339119
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680306 Accuracy: 0.700678 F1 Score: 0.339154
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680392 Accuracy: 0.700662 F1 Score: 0.339079
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680307 Accuracy: 0.700646 F1 Score: 0.339299
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680448 Accuracy: 0.700630 F1 Score: 0.339239
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680695 Accuracy: 0.700613 F1 Score: 0.339136
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680832 Accuracy: 0.700597 F1 Score: 0.339020
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680937 Accuracy: 0.700505 F1 Score: 0.338919
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680868 Accuracy: 0.700489 F1 Score: 0.338874
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680603 Accuracy: 0.700702 F1 Score: 0.338894
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680601 Accuracy: 0.700610 F1 Score: 0.338809
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680597 Accuracy: 0.700670 F1 Score: 0.338762
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680895 Accuracy: 0.700578 F1 Score: 0.338634
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680731 Accuracy: 0.700638 F1 Score: 0.338602
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680894 Accuracy: 0.700546 F1 Score: 0.338736
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680873 Accuracy: 0.700530 F1 Score: 0.338663
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681136 Accuracy: 0.700363 F1 Score: 0.338524
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681046 Accuracy: 0.700423 F1 Score: 0.338492
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680886 Accuracy: 0.700559 F1 Score: 0.338500
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680828 Accuracy: 0.700694 F1 Score: 0.338480
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680715 Accuracy: 0.700753 F1 Score: 0.338462
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680603 Accuracy: 0.700737 F1 Score: 0.338376
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680437 Accuracy: 0.700871 F1 Score: 0.338342
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680562 Accuracy: 0.700705 F1 Score: 0.338232
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680953 Accuracy: 0.700540 F1 Score: 0.338326
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680800 Accuracy: 0.700599 F1 Score: 0.338280
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680992 Accuracy: 0.700434 F1 Score: 0.338643
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680887 Accuracy: 0.700418 F1 Score: 0.339153
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680683 Accuracy: 0.700477 F1 Score: 0.339080
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680736 Accuracy: 0.700536 F1 Score: 0.339034
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680446 Accuracy: 0.700744 F1 Score: 0.339343
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680741 Accuracy: 0.700654 F1 Score: 0.339205
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680721 Accuracy: 0.700564 F1 Score: 0.339094
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680548 Accuracy: 0.700549 F1 Score: 0.339022
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680213 Accuracy: 0.700755 F1 Score: 0.339055
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680368 Accuracy: 0.700740 F1 Score: 0.338970
```

```
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680232 Accuracy: 0.700798 F1 Score: 0.339212
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680138 Accuracy: 0.700856 F1 Score: 0.339434
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679909 Accuracy: 0.700914 F1 Score: 0.339388
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680332 Accuracy: 0.700677 F1 Score: 0.339199
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680441 Accuracy: 0.700662 F1 Score: 0.339115
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680169 Accuracy: 0.700867 F1 Score: 0.339134
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680274 Accuracy: 0.700704 F1 Score: 0.338985
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680152 Accuracy: 0.700835 F1 Score: 0.338966
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679917 Accuracy: 0.701039 F1 Score: 0.338985
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679806 Accuracy: 0.701170 F1 Score: 0.338979
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679900 Accuracy: 0.701081 F1 Score: 0.338870
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680196 Accuracy: 0.700846 F1 Score: 0.338954
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680304 Accuracy: 0.700830 F1 Score: 0.338884
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680639 Accuracy: 0.700669 F1 Score: 0.338763
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680718 Accuracy: 0.700509 F1 Score: 0.338892
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681062 Accuracy: 0.700276 F1 Score: 0.338720
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681150 Accuracy: 0.700261 F1 Score: 0.338893
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680843 Accuracy: 0.700391 F1 Score: 0.338874
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680863 Accuracy: 0.700434 F1 Score: 0.339002
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681160 Accuracy: 0.700274 F1 Score: 0.338869
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681473 Accuracy: 0.700187 F1 Score: 0.338774
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681459 Accuracy: 0.700245 F1 Score: 0.338718
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681343 Accuracy: 0.700230 F1 Score: 0.338674
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681297 Accuracy: 0.700144 F1 Score: 0.338580
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681258 Accuracy: 0.700057 F1 Score: 0.338486
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681519 Accuracy: 0.699900 F1 Score: 0.338342
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681471 Accuracy: 0.700029 F1 Score: 0.338336
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681567 Accuracy: 0.700014 F1 Score: 0.338256
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681575 Accuracy: 0.700000 F1 Score: 0.338188
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681490 Accuracy: 0.700128 F1 Score: 0.338440
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681622 Accuracy: 0.700114 F1 Score: 0.338347
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681175 Accuracy: 0.700456 F1 Score: 0.338429
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681404 Accuracy: 0.700299 F1 Score: 0.338298
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681573 Accuracy: 0.700142 F1 Score: 0.338688
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681619 Accuracy: 0.700057 F1 Score: 0.338583
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681830 Accuracy: 0.699972 F1 Score: 0.338490
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682073 Accuracy: 0.699816 F1 Score: 0.338323
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681918 Accuracy: 0.699873 F1 Score: 0.338566
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681778 Accuracy: 0.700000 F1 Score: 0.338536
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681844 Accuracy: 0.699986 F1 Score: 0.338469
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682058 Accuracy: 0.699760 F1 Score: 0.338290
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.682174 Accuracy: 0.699663 F1 Score: 0.338132
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681991 Accuracy: 0.699860 F1 Score: 0.338163
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681842 Accuracy: 0.699916 F1 Score: 0.338380
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681819 Accuracy: 0.699832 F1 Score: 0.338264
```
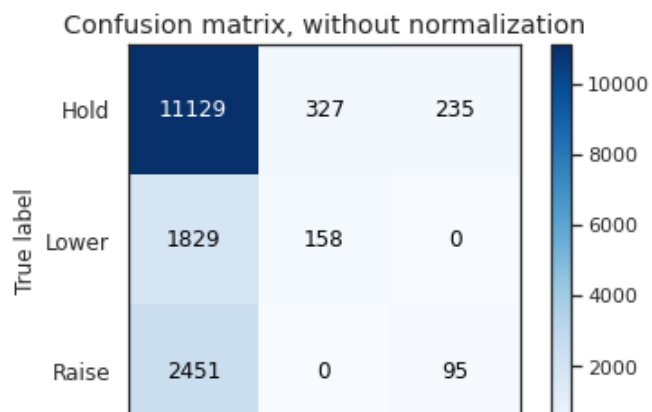
```
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681770 Accuracy: 0.699748 F1 Score: 0.338185
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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681501 Accuracy: 0.699791 F1 Score: 0.338329
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681561 Accuracy: 0.699707 F1 Score: 0.338226
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681659 Accuracy: 0.699554 F1 Score: 0.338099
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681444 Accuracy: 0.699680 F1 Score: 0.338602
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681387 Accuracy: 0.699805 F1 Score: 0.339067
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681575 Accuracy: 0.699653 F1 Score: 0.338903
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681681 Accuracy: 0.699501 F1 Score: 0.338764
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681721 Accuracy: 0.699418 F1 Score: 0.338922
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681597 Accuracy: 0.699543 F1 Score: 0.338928
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681921 Accuracy: 0.699461 F1 Score: 0.338813
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681708 Accuracy: 0.699517 F1 Score: 0.338795
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681891 Accuracy: 0.699503 F1 Score: 0.338717
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681852 Accuracy: 0.699490 F1 Score: 0.338663
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681718 Accuracy: 0.699683 F1 Score: 0.338917
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681475 Accuracy: 0.699807 F1 Score: 0.338911
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681477 Accuracy: 0.699863 F1 Score: 0.339124
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681165 Accuracy: 0.700055 F1 Score: 0.339154
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681040 Accuracy: 0.700110 F1 Score: 0.339135
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680914 Accuracy: 0.700096 F1 Score: 0.339057
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680921 Accuracy: 0.700082 F1 Score: 0.339244
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681531 Accuracy: 0.699727 F1 Score: 0.338998
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681483 Accuracy: 0.699782 F1 Score: 0.338945
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681594 Accuracy: 0.699632 F1 Score: 0.338831
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681623 Accuracy: 0.699687 F1 Score: 0.339041
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681277 Accuracy: 0.699946 F1 Score: 0.339096
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681308 Accuracy: 0.699932 F1 Score: 0.339030
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681169 Accuracy: 0.699986 F1 Score: 0.338989
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681339 Accuracy: 0.699973 F1 Score: 0.338900
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681230 Accuracy: 0.699959 F1 Score: 0.338846
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681396 Accuracy: 0.699743 F1 Score: 0.338698
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681516 Accuracy: 0.699730 F1 Score: 0.338610
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681295 Accuracy: 0.699987 F1 Score: 0.338664
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681335 Accuracy: 0.699973 F1 Score: 0.338599
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681064 Accuracy: 0.700229 F1 Score: 0.338653
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680969 Accuracy: 0.700350 F1 Score: 0.338896
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681193 Accuracy: 0.700202 F1 Score: 0.338772
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681009 Accuracy: 0.700188 F1 Score: 0.338719
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681106 Accuracy: 0.700107 F1 Score: 0.338643
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681206 Accuracy: 0.700094 F1 Score: 0.338555
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680963 Accuracy: 0.700214 F1 Score: 0.338538
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680969 Accuracy: 0.700267 F1 Score: 0.338486
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680759 Accuracy: 0.700321 F1 Score: 0.338457
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680830 Accuracy: 0.700240 F1 Score: 0.338359
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680971 Accuracy: 0.700227 F1 Score: 0.338272
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680831 Accuracy: 0.700346 F1 Score: 0.338496
```
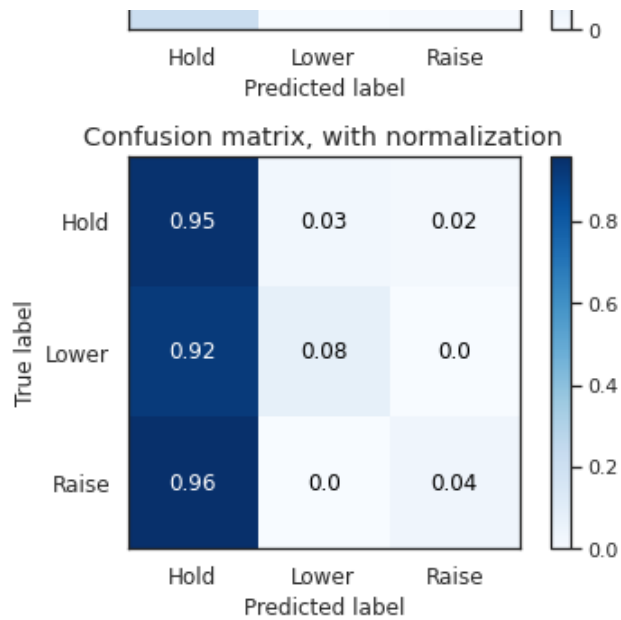
```
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680852 Accuracy: 0.700266 F1 Score: 0.338386
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681042 Accuracy: 0.700186 F1 Score: 0.338287
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680948 Accuracy: 0.700239 F1 Score: 0.338236
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.681177 Accuracy: 0.700159 F1 Score: 0.338116
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680923 Accuracy: 0.700344 F1 Score: 0.338145
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680930 Accuracy: 0.700198 F1 Score: 0.338024
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680918 Accuracy: 0.700251 F1 Score: 0.337996
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680884 Accuracy: 0.700304 F1 Score: 0.337967
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680562 Accuracy: 0.700488 F1 Score: 0.337996
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680449 Accuracy: 0.700606 F1 Score: 0.337980
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680128 Accuracy: 0.700724 F1 Score: 0.337975
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680382 Accuracy: 0.700513 F1 Score: 0.337843
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680391 Accuracy: 0.700565 F1 Score: 0.337781
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680475 Accuracy: 0.700485 F1 Score: 0.337707
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680592 Accuracy: 0.700341 F1 Score: 0.337598
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680319 Accuracy: 0.700458 F1 Score: 0.337593
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680163 Accuracy: 0.700510 F1 Score: 0.337554
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679769 Accuracy: 0.700823 F1 Score: 0.337854
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679823 Accuracy: 0.700809 F1 Score: 0.337792
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679878 Accuracy: 0.700730 F1 Score: 0.337921
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679823 Accuracy: 0.700716 F1 Score: 0.337837
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680304 Accuracy: 0.700507 F1 Score: 0.337897
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680349 Accuracy: 0.700559 F1 Score: 0.337869
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680295 Accuracy: 0.700610 F1 Score: 0.337841
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680294 Accuracy: 0.700661 F1 Score: 0.337802
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680281 Accuracy: 0.700648 F1 Score: 0.337730
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680186 Accuracy: 0.700634 F1 Score: 0.337668
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680110 Accuracy: 0.700750 F1 Score: 0.337894
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680007 Accuracy: 0.700865 F1 Score: 0.337878
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680083 Accuracy: 0.700851 F1 Score: 0.337827
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680071 Accuracy: 0.700838 F1 Score: 0.337765
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679840 Accuracy: 0.700888 F1 Score: 0.337727
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679694 Accuracy: 0.701067 F1 Score: 0.337733
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679492 Accuracy: 0.701118 F1 Score: 0.337705
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679437 Accuracy: 0.701104 F1 Score: 0.337655
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679381 Accuracy: 0.701026 F1 Score: 0.337571
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679444 Accuracy: 0.701012 F1 Score: 0.337510
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679921 Accuracy: 0.700806 F1 Score: 0.337361
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680023 Accuracy: 0.700729 F1 Score: 0.337495
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679872 Accuracy: 0.700843 F1 Score: 0.337729
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680083 Accuracy: 0.700829 F1 Score: 0.337867
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680130 Accuracy: 0.700879 F1 Score: 0.337839
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679939 Accuracy: 0.700993 F1 Score: 0.338053
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679865 Accuracy: 0.700979 F1 Score: 0.338230
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679894 Accuracy: 0.700902 F1 Score: 0.338146
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680069 Accuracy: 0.700698 F1 Score: 0.337997
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680054 Accuracy: 0.700811 F1 Score: 0.337971
```

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Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680190 Accuracy: 0.700798 F1 Score: 0.337910
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679930 Accuracy: 0.700974 F1 Score: 0.337928
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679990 Accuracy: 0.701024 F1 Score: 0.338097
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680051 Accuracy: 0.701010 F1 Score: 0.338254
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680248 Accuracy: 0.700870 F1 Score: 0.338353
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680402 Accuracy: 0.700731 F1 Score: 0.338227
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680384 Accuracy: 0.700780 F1 Score: 0.338199
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680052 Accuracy: 0.701019 F1 Score: 0.338249
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680212 Accuracy: 0.700879 F1 Score: 0.338133
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680348 Accuracy: 0.700866 F1 Score: 0.338297
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680309 Accuracy: 0.700915 F1 Score: 0.338269
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680208 Accuracy: 0.701027 F1 Score: 0.338479
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680169 Accuracy: 0.700888 F1 Score: 0.338364
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680051 Accuracy: 0.700937 F1 Score: 0.338316
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679942 Accuracy: 0.701049 F1 Score: 0.338311
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679871 Accuracy: 0.701098 F1 Score: 0.338283
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680039 Accuracy: 0.701022 F1 Score: 0.338395
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679871 Accuracy: 0.701133 F1 Score: 0.338380
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.680086 Accuracy: 0.701057 F1 Score: 0.338492
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679818 Accuracy: 0.701230 F1 Score: 0.338509
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679795 Accuracy: 0.701216 F1 Score: 0.338439
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679965 Accuracy: 0.701141 F1 Score: 0.338337
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679728 Accuracy: 0.701189 F1 Score: 0.338300
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679738 Accuracy: 0.701114 F1 Score: 0.338228
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679535 Accuracy: 0.701286 F1 Score: 0.338235
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679365 Accuracy: 0.701334 F1 Score: 0.338207
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679071 Accuracy: 0.701567 F1 Score: 0.338255
Epoch: 2/3... Step: 2850... Loss: 0.659064... Val Loss: 0.679021 Accuracy: 0.701553 F1 Score: 0.338408
2850 steps in epoch 2

Epoch: 2, Average Accuracy: 0.70155325, Average f1: 0.33840804

<Figure size 432x288 with 0 Axes>
```

Confusion matrix, without normalization

Confusion matrix, with normalization

Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.714186 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.599669 Accuracy: 0.750000 F1 Score: 0.285714
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.683665 Accuracy: 0.666667 F1 Score: 0.266667
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.648628 Accuracy: 0.703125 F1 Score: 0.275229
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.637572 Accuracy: 0.712500 F1 Score: 0.277372
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.657660 Accuracy: 0.708333 F1 Score: 0.327002
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666711 Accuracy: 0.705357 F1 Score: 0.319577
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665239 Accuracy: 0.710938 F1 Score: 0.315713
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.676800 Accuracy: 0.708333 F1 Score: 0.315172
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.677269 Accuracy: 0.712500 F1 Score: 0.312049
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.686057 Accuracy: 0.710227 F1 Score: 0.308223
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666553 Accuracy: 0.718750 F1 Score: 0.327883
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665935 Accuracy: 0.721154 F1 Score: 0.324041
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.660621 Accuracy: 0.723214 F1 Score: 0.322159
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.679402 Accuracy: 0.712500 F1 Score: 0.315447
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.676954 Accuracy: 0.710938 F1 Score: 0.313641
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.683697 Accuracy: 0.705882 F1 Score: 0.309446
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.682773 Accuracy: 0.704861 F1 Score: 0.308154
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.707497 Accuracy: 0.690789 F1 Score: 0.301525
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.711949 Accuracy: 0.690625 F1 Score: 0.299681
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.708946 Accuracy: 0.693452 F1 Score: 0.299464
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.718408 Accuracy: 0.684659 F1 Score: 0.295520
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.706482 Accuracy: 0.692935 F1 Score: 0.297244
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.708640 Accuracy: 0.692708 F1 Score: 0.303949
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.698890 Accuracy: 0.700000 F1 Score: 0.318254
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.687394 Accuracy: 0.706731 F1 Score: 0.319075
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.691129 Accuracy: 0.701389 F1 Score: 0.315834

```
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.691129 Accuracy: 0.701389 F1 Score: 0.315834
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.689845 Accuracy: 0.703125 F1 Score: 0.315236
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.683505 Accuracy: 0.706897 F1 Score: 0.315016
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.681714 Accuracy: 0.708333 F1 Score: 0.314164
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.678237 Accuracy: 0.709677 F1 Score: 0.313126
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.673067 Accuracy: 0.714844 F1 Score: 0.320321
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.677822 Accuracy: 0.712121 F1 Score: 0.318025
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.678423 Accuracy: 0.711397 F1 Score: 0.316762
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.679466 Accuracy: 0.710714 F1 Score: 0.315441
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.677558 Accuracy: 0.710069 F1 Score: 0.314322
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669723 Accuracy: 0.716216 F1 Score: 0.315457
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663410 Accuracy: 0.720395 F1 Score: 0.315977
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669631 Accuracy: 0.716346 F1 Score: 0.313534
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667665 Accuracy: 0.717187 F1 Score: 0.313043
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665005 Accuracy: 0.719512 F1 Score: 0.313158
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663414 Accuracy: 0.720238 F1 Score: 0.317604
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671687 Accuracy: 0.715116 F1 Score: 0.314856
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664907 Accuracy: 0.718750 F1 Score: 0.315335
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666970 Accuracy: 0.718056 F1 Score: 0.314294
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670233 Accuracy: 0.717391 F1 Score: 0.313309
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671063 Accuracy: 0.716755 F1 Score: 0.312374
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664978 Accuracy: 0.721354 F1 Score: 0.319974
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665677 Accuracy: 0.721939 F1 Score: 0.319459
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667617 Accuracy: 0.721250 F1 Score: 0.318390
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.676685 Accuracy: 0.716912 F1 Score: 0.316138
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.678891 Accuracy: 0.715144 F1 Score: 0.314795
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672934 Accuracy: 0.719340 F1 Score: 0.321492
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668279 Accuracy: 0.722222 F1 Score: 0.321805
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669971 Accuracy: 0.720455 F1 Score: 0.320380
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668163 Accuracy: 0.722098 F1 Score: 0.320217
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666777 Accuracy: 0.723684 F1 Score: 0.319966
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667057 Accuracy: 0.723060 F1 Score: 0.319190
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.673467 Accuracy: 0.719280 F1 Score: 0.317235
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671967 Accuracy: 0.718750 F1 Score: 0.316454
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668044 Accuracy: 0.721311 F1 Score: 0.316688
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666012 Accuracy: 0.721774 F1 Score: 0.316261
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668247 Accuracy: 0.720238 F1 Score: 0.315004
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670639 Accuracy: 0.718750 F1 Score: 0.317583
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667734 Accuracy: 0.720192 F1 Score: 0.317596
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664369 Accuracy: 0.722538 F1 Score: 0.317881
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666710 Accuracy: 0.722015 F1 Score: 0.325964
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666217 Accuracy: 0.722426 F1 Score: 0.325561
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668582 Accuracy: 0.721920 F1 Score: 0.324668
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667935 Accuracy: 0.721429 F1 Score: 0.323992
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668532 Accuracy: 0.721831 F1 Score: 0.323532
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667051 Accuracy: 0.723958 F1 Score: 0.323659
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667540 Accuracy: 0.724315 F1 Score: 0.323128
```

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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665173 Accuracy: 0.725507 F1 Score: 0.323139
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663078 Accuracy: 0.727500 F1 Score: 0.323425
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.662883 Accuracy: 0.726974 F1 Score: 0.326607
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665881 Accuracy: 0.724838 F1 Score: 0.329222
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665152 Accuracy: 0.725962 F1 Score: 0.328865
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664933 Accuracy: 0.726266 F1 Score: 0.328385
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664511 Accuracy: 0.726562 F1 Score: 0.327916
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.662800 Accuracy: 0.727623 F1 Score: 0.327822
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.661592 Accuracy: 0.728659 F1 Score: 0.327612
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.661769 Accuracy: 0.728916 F1 Score: 0.327163
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.659347 Accuracy: 0.730655 F1 Score: 0.327202
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.659029 Accuracy: 0.731618 F1 Score: 0.327002
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.661176 Accuracy: 0.731105 F1 Score: 0.326337
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663284 Accuracy: 0.729885 F1 Score: 0.325361
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665134 Accuracy: 0.728693 F1 Score: 0.324604
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663492 Accuracy: 0.729635 F1 Score: 0.324632
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663306 Accuracy: 0.729861 F1 Score: 0.324242
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665044 Accuracy: 0.729396 F1 Score: 0.323645
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663679 Accuracy: 0.730299 F1 Score: 0.323579
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663149 Accuracy: 0.729839 F1 Score: 0.323001
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.661922 Accuracy: 0.730718 F1 Score: 0.322940
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663500 Accuracy: 0.730263 F1 Score: 0.322379
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663920 Accuracy: 0.729167 F1 Score: 0.321629
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665911 Accuracy: 0.727448 F1 Score: 0.320526
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664389 Accuracy: 0.727041 F1 Score: 0.320096
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.662542 Accuracy: 0.728535 F1 Score: 0.320253
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663810 Accuracy: 0.727500 F1 Score: 0.319476
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667889 Accuracy: 0.725248 F1 Score: 0.318188
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668535 Accuracy: 0.724265 F1 Score: 0.320592
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668136 Accuracy: 0.725121 F1 Score: 0.320474
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667639 Accuracy: 0.725962 F1 Score: 0.323158
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666779 Accuracy: 0.726190 F1 Score: 0.322839
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666337 Accuracy: 0.726415 F1 Score: 0.322432
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669298 Accuracy: 0.724883 F1 Score: 0.323603
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668854 Accuracy: 0.725694 F1 Score: 0.323402
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670267 Accuracy: 0.724771 F1 Score: 0.322591
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671034 Accuracy: 0.723864 F1 Score: 0.321944
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672056 Accuracy: 0.722973 F1 Score: 0.321169
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671514 Accuracy: 0.723772 F1 Score: 0.321074
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672100 Accuracy: 0.724004 F1 Score: 0.323353
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671160 Accuracy: 0.724232 F1 Score: 0.323145
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670658 Accuracy: 0.725000 F1 Score: 0.323186
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669215 Accuracy: 0.725754 F1 Score: 0.323226
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669452 Accuracy: 0.725427 F1 Score: 0.322780
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669093 Accuracy: 0.725636 F1 Score: 0.322429
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669962 Accuracy: 0.724265 F1 Score: 0.321674
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667538 Accuracy: 0.726042 F1 Score: 0.321966
```

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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667514 Accuracy: 0.726240 F1 Score: 0.321775
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666485 Accuracy: 0.726947 F1 Score: 0.321743
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667468 Accuracy: 0.727134 F1 Score: 0.321412
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668291 Accuracy: 0.726310 F1 Score: 0.320780
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668963 Accuracy: 0.725500 F1 Score: 0.324608
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671447 Accuracy: 0.723710 F1 Score: 0.323643
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670622 Accuracy: 0.724409 F1 Score: 0.323608
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672377 Accuracy: 0.723145 F1 Score: 0.322893
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.674053 Accuracy: 0.722384 F1 Score: 0.322341
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.675629 Accuracy: 0.721154 F1 Score: 0.323393
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.674075 Accuracy: 0.721374 F1 Score: 0.323273
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.674768 Accuracy: 0.720644 F1 Score: 0.322727
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.673833 Accuracy: 0.720865 F1 Score: 0.322614
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.674689 Accuracy: 0.720149 F1 Score: 0.321895
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.674111 Accuracy: 0.720833 F1 Score: 0.321933
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.674396 Accuracy: 0.720129 F1 Score: 0.323532
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.674442 Accuracy: 0.720347 F1 Score: 0.324984
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.673267 Accuracy: 0.721014 F1 Score: 0.324887
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672348 Accuracy: 0.721673 F1 Score: 0.326907
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671219 Accuracy: 0.722321 F1 Score: 0.326865
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670378 Accuracy: 0.722518 F1 Score: 0.326679
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671680 Accuracy: 0.720951 F1 Score: 0.325797
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671849 Accuracy: 0.721154 F1 Score: 0.325427
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671327 Accuracy: 0.721354 F1 Score: 0.325191
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669534 Accuracy: 0.722845 F1 Score: 0.325433
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668464 Accuracy: 0.723459 F1 Score: 0.325334
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667478 Accuracy: 0.723214 F1 Score: 0.325085
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668441 Accuracy: 0.722551 F1 Score: 0.324585
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666907 Accuracy: 0.723574 F1 Score: 0.324745
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665725 Accuracy: 0.724583 F1 Score: 0.324842
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664573 Accuracy: 0.725166 F1 Score: 0.324805
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665796 Accuracy: 0.724507 F1 Score: 0.324378
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665178 Accuracy: 0.725082 F1 Score: 0.324343
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664375 Accuracy: 0.726055 F1 Score: 0.324376
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664828 Accuracy: 0.725806 F1 Score: 0.325854
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665398 Accuracy: 0.725962 F1 Score: 0.325625
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665794 Accuracy: 0.725717 F1 Score: 0.325153
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664897 Accuracy: 0.726266 F1 Score: 0.325056
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667394 Accuracy: 0.724843 F1 Score: 0.324285
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667010 Accuracy: 0.725000 F1 Score: 0.324189
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666135 Accuracy: 0.725543 F1 Score: 0.324099
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665701 Accuracy: 0.725694 F1 Score: 0.324004
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666061 Accuracy: 0.725460 F1 Score: 0.323734
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665936 Accuracy: 0.725610 F1 Score: 0.323413
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666184 Accuracy: 0.725379 F1 Score: 0.323092
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665729 Accuracy: 0.725527 F1 Score: 0.322947
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666744 Accuracy: 0.724925 F1 Score: 0.322408
```

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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667621 Accuracy: 0.724330 F1 Score: 0.321879
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669382 Accuracy: 0.723373 F1 Score: 0.321348
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667870 Accuracy: 0.723897 F1 Score: 0.321380
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667696 Accuracy: 0.724050 F1 Score: 0.321248
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667778 Accuracy: 0.724201 F1 Score: 0.321014
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668735 Accuracy: 0.722543 F1 Score: 0.320384
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667745 Accuracy: 0.723060 F1 Score: 0.320368
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668831 Accuracy: 0.722143 F1 Score: 0.319765
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669016 Accuracy: 0.721946 F1 Score: 0.319486
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668637 Accuracy: 0.722811 F1 Score: 0.319582
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668666 Accuracy: 0.722963 F1 Score: 0.319513
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670296 Accuracy: 0.722067 F1 Score: 0.318881
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670876 Accuracy: 0.721875 F1 Score: 0.318519
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669851 Accuracy: 0.722376 F1 Score: 0.318464
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670363 Accuracy: 0.721841 F1 Score: 0.318144
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670292 Accuracy: 0.721995 F1 Score: 0.317988
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671263 Accuracy: 0.721467 F1 Score: 0.317584
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671405 Accuracy: 0.721284 F1 Score: 0.317376
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672342 Accuracy: 0.720766 F1 Score: 0.318511
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672361 Accuracy: 0.720588 F1 Score: 0.318305
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671769 Accuracy: 0.720412 F1 Score: 0.318054
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672189 Accuracy: 0.720238 F1 Score: 0.317759
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671424 Accuracy: 0.721053 F1 Score: 0.317808
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670942 Accuracy: 0.721204 F1 Score: 0.317707
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670902 Accuracy: 0.721029 F1 Score: 0.317463
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670526 Accuracy: 0.721503 F1 Score: 0.319024
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670011 Accuracy: 0.721649 F1 Score: 0.318921
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670212 Accuracy: 0.721474 F1 Score: 0.318628
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669927 Accuracy: 0.721620 F1 Score: 0.318527
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670972 Accuracy: 0.720812 F1 Score: 0.318004
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671257 Accuracy: 0.720644 F1 Score: 0.317767
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669997 Accuracy: 0.721106 F1 Score: 0.317764
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672322 Accuracy: 0.720000 F1 Score: 0.317118
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672648 Accuracy: 0.719527 F1 Score: 0.316799
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672238 Accuracy: 0.719678 F1 Score: 0.316664
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671812 Accuracy: 0.720135 F1 Score: 0.316665
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672084 Accuracy: 0.719669 F1 Score: 0.316352
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671344 Accuracy: 0.720122 F1 Score: 0.316354
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671301 Accuracy: 0.720267 F1 Score: 0.316224
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670070 Accuracy: 0.721014 F1 Score: 0.316357
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669750 Accuracy: 0.720853 F1 Score: 0.316181
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669825 Accuracy: 0.720694 F1 Score: 0.315965
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670644 Accuracy: 0.720238 F1 Score: 0.315580
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670859 Accuracy: 0.720083 F1 Score: 0.316532
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671689 Accuracy: 0.719634 F1 Score: 0.316151
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671440 Accuracy: 0.719777 F1 Score: 0.317132
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671858 Accuracy: 0.719626 F1 Score: 0.316881
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671168 Accuracy: 0.720058 F1 Score: 0.316809
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669627 Accuracy: 0.721065 F1 Score: 0.317018
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670410 Accuracy: 0.720910 F1 Score: 0.316736
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671305 Accuracy: 0.720470 F1 Score: 0.317587
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671446 Accuracy: 0.720320 F1 Score: 0.317439
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671129 Accuracy: 0.720739 F1 Score: 0.317435
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671975 Accuracy: 0.720023 F1 Score: 0.316984
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671985 Accuracy: 0.720158 F1 Score: 0.316862
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672794 Accuracy: 0.719451 F1 Score: 0.316515
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.673152 Accuracy: 0.719308 F1 Score: 0.316248
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672946 Accuracy: 0.719722 F1 Score: 0.317255
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672466 Accuracy: 0.719856 F1 Score: 0.317136
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671500 Accuracy: 0.720540 F1 Score: 0.317189
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671383 Accuracy: 0.720669 F1 Score: 0.317071
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672136 Accuracy: 0.720524 F1 Score: 0.317888
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.672020 Accuracy: 0.720652 F1 Score: 0.317795
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671746 Accuracy: 0.720509 F1 Score: 0.318620
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671887 Accuracy: 0.720636 F1 Score: 0.318499
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671952 Accuracy: 0.720494 F1 Score: 0.318293
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671254 Accuracy: 0.720620 F1 Score: 0.318199
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670919 Accuracy: 0.720479 F1 Score: 0.317996
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669665 Accuracy: 0.721133 F1 Score: 0.318098
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669450 Accuracy: 0.721255 F1 Score: 0.318005
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669128 Accuracy: 0.721376 F1 Score: 0.317913
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668165 Accuracy: 0.721757 F1 Score: 0.319166
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666873 Accuracy: 0.722656 F1 Score: 0.319349
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666430 Accuracy: 0.722510 F1 Score: 0.319145
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665615 Accuracy: 0.722882 F1 Score: 0.319134
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665666 Accuracy: 0.722737 F1 Score: 0.318932
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665070 Accuracy: 0.722848 F1 Score: 0.318813
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664311 Accuracy: 0.722959 F1 Score: 0.318748
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663339 Accuracy: 0.723577 F1 Score: 0.319787
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664058 Accuracy: 0.723178 F1 Score: 0.319504
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664091 Accuracy: 0.723034 F1 Score: 0.319279
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664515 Accuracy: 0.722641 F1 Score: 0.319026
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.663581 Accuracy: 0.723250 F1 Score: 0.320341
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664262 Accuracy: 0.722859 F1 Score: 0.320033
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664311 Accuracy: 0.722966 F1 Score: 0.319861
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664631 Accuracy: 0.722332 F1 Score: 0.319533
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664465 Accuracy: 0.722441 F1 Score: 0.319443
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664565 Accuracy: 0.722549 F1 Score: 0.319354
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664630 Accuracy: 0.722412 F1 Score: 0.319162
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665206 Accuracy: 0.722033 F1 Score: 0.318842
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665288 Accuracy: 0.722141 F1 Score: 0.318730
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664409 Accuracy: 0.722490 F1 Score: 0.318721
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664020 Accuracy: 0.722837 F1 Score: 0.318686
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664503 Accuracy: 0.722701 F1 Score: 0.319361
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664417 Accuracy: 0.722805 F1 Score: 0.319273
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.664860 Accuracy: 0.722671 F1 Score: 0.319959
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665025 Accuracy: 0.722775 F1 Score: 0.320735
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665503 Accuracy: 0.722406 F1 Score: 0.320424
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666176 Accuracy: 0.722039 F1 Score: 0.320157
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666103 Accuracy: 0.721910 F1 Score: 0.319989
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665583 Accuracy: 0.722248 F1 Score: 0.319956
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665629 Accuracy: 0.722351 F1 Score: 0.319847
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666202 Accuracy: 0.721991 F1 Score: 0.320391
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667496 Accuracy: 0.721172 F1 Score: 0.319956
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667371 Accuracy: 0.721278 F1 Score: 0.319867
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666929 Accuracy: 0.721612 F1 Score: 0.319837
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667730 Accuracy: 0.720803 F1 Score: 0.319410
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667526 Accuracy: 0.720909 F1 Score: 0.319306
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667086 Accuracy: 0.721241 F1 Score: 0.320133
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666899 Accuracy: 0.721570 F1 Score: 0.320918
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667083 Accuracy: 0.721448 F1 Score: 0.320750
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666872 Accuracy: 0.721550 F1 Score: 0.321433
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666375 Accuracy: 0.721875 F1 Score: 0.321417
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667040 Accuracy: 0.721753 F1 Score: 0.321220
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666652 Accuracy: 0.722074 F1 Score: 0.321190
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666327 Accuracy: 0.722394 F1 Score: 0.321160
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666119 Accuracy: 0.722271 F1 Score: 0.320979
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665018 Accuracy: 0.722807 F1 Score: 0.321053
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665784 Accuracy: 0.722247 F1 Score: 0.321522
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666418 Accuracy: 0.721690 F1 Score: 0.321178
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666892 Accuracy: 0.721354 F1 Score: 0.320900
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666673 Accuracy: 0.721670 F1 Score: 0.320873
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666904 Accuracy: 0.721336 F1 Score: 0.321382
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666703 Accuracy: 0.721435 F1 Score: 0.321269
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666466 Accuracy: 0.721533 F1 Score: 0.321932
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666461 Accuracy: 0.721630 F1 Score: 0.322870
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667278 Accuracy: 0.720876 F1 Score: 0.322465
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668766 Accuracy: 0.720127 F1 Score: 0.322041
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669274 Accuracy: 0.719806 F1 Score: 0.322799
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669189 Accuracy: 0.719697 F1 Score: 0.322635
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668866 Accuracy: 0.719799 F1 Score: 0.322558
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668108 Accuracy: 0.720318 F1 Score: 0.324364
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667203 Accuracy: 0.720833 F1 Score: 0.324418
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667354 Accuracy: 0.720307 F1 Score: 0.324077
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666735 Accuracy: 0.720820 F1 Score: 0.324131
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667411 Accuracy: 0.720503 F1 Score: 0.323867
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667398 Accuracy: 0.720600 F1 Score: 0.324491
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667159 Accuracy: 0.720697 F1 Score: 0.324386
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667142 Accuracy: 0.720588 F1 Score: 0.324233
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666826 Accuracy: 0.720684 F1 Score: 0.324129
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666853 Accuracy: 0.720779 F1 Score: 0.324013
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666833 Accuracy: 0.720779 F1 Score: 0.324615
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665450 Accuracy: 0.721683 F1 Score: 0.324222
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665611 Accuracy: 0.721371 F1 Score: 0.323975
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666002 Accuracy: 0.721061 F1 Score: 0.323730
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.665670 Accuracy: 0.721354 F1 Score: 0.323712
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666425 Accuracy: 0.721046 F1 Score: 0.323482
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666825 Accuracy: 0.720740 F1 Score: 0.323254
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668441 Accuracy: 0.720040 F1 Score: 0.322852
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669318 Accuracy: 0.719739 F1 Score: 0.323522
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670100 Accuracy: 0.719243 F1 Score: 0.323190
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669662 Accuracy: 0.719340 F1 Score: 0.323106
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669798 Accuracy: 0.719044 F1 Score: 0.322835
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669405 Accuracy: 0.719336 F1 Score: 0.322808
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669841 Accuracy: 0.719237 F1 Score: 0.322633
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670543 Accuracy: 0.718750 F1 Score: 0.322347
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671176 Accuracy: 0.718460 F1 Score: 0.322072
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671187 Accuracy: 0.718557 F1 Score: 0.321992
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671739 Accuracy: 0.718269 F1 Score: 0.321755
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671492 Accuracy: 0.718558 F1 Score: 0.321732
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671508 Accuracy: 0.718463 F1 Score: 0.321575
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671531 Accuracy: 0.718369 F1 Score: 0.321408
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671144 Accuracy: 0.718465 F1 Score: 0.321330
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670040 Accuracy: 0.719129 F1 Score: 0.321461
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669727 Accuracy: 0.719222 F1 Score: 0.321394
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669331 Accuracy: 0.719503 F1 Score: 0.321371
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669063 Accuracy: 0.719595 F1 Score: 0.321283
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668697 Accuracy: 0.719873 F1 Score: 0.321282
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669057 Accuracy: 0.719590 F1 Score: 0.321076
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668870 Accuracy: 0.719680 F1 Score: 0.320989
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669063 Accuracy: 0.719585 F1 Score: 0.320838
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669334 Accuracy: 0.719490 F1 Score: 0.320667
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669724 Accuracy: 0.719395 F1 Score: 0.320498
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669653 Accuracy: 0.719301 F1 Score: 0.320350
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668846 Accuracy: 0.719941 F1 Score: 0.320476
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668637 Accuracy: 0.719846 F1 Score: 0.320350
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668753 Accuracy: 0.719570 F1 Score: 0.320141
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668659 Accuracy: 0.719477 F1 Score: 0.319986
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668967 Accuracy: 0.719384 F1 Score: 0.320702
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668542 Accuracy: 0.719653 F1 Score: 0.320703
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668868 Accuracy: 0.719561 F1 Score: 0.320547
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668830 Accuracy: 0.719648 F1 Score: 0.321324
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668426 Accuracy: 0.720093 F1 Score: 0.321374
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668862 Accuracy: 0.719821 F1 Score: 0.321143
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669438 Accuracy: 0.719373 F1 Score: 0.321505
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669663 Accuracy: 0.719105 F1 Score: 0.321288
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670326 Accuracy: 0.718661 F1 Score: 0.321000
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670951 Accuracy: 0.718220 F1 Score: 0.320735
```

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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671106 Accuracy: 0.717958 F1 Score: 0.320544
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670720 Accuracy: 0.718048 F1 Score: 0.320475
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670587 Accuracy: 0.718312 F1 Score: 0.320455
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670860 Accuracy: 0.718226 F1 Score: 0.320305
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670610 Accuracy: 0.718315 F1 Score: 0.320226
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670192 Accuracy: 0.718576 F1 Score: 0.320207
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669969 Accuracy: 0.718663 F1 Score: 0.320139
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669495 Accuracy: 0.718923 F1 Score: 0.320141
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670052 Accuracy: 0.718492 F1 Score: 0.319865
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670532 Accuracy: 0.718235 F1 Score: 0.320466
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670680 Accuracy: 0.718151 F1 Score: 0.321932
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670222 Accuracy: 0.718408 F1 Score: 0.321922
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669711 Accuracy: 0.718665 F1 Score: 0.322710
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668846 Accuracy: 0.719090 F1 Score: 0.322771
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668219 Accuracy: 0.719512 F1 Score: 0.322803
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668827 Accuracy: 0.719088 F1 Score: 0.322533
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669402 Accuracy: 0.718666 F1 Score: 0.322265
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668917 Accuracy: 0.718918 F1 Score: 0.322240
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669657 Accuracy: 0.718499 F1 Score: 0.321961
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670264 Accuracy: 0.718249 F1 Score: 0.321755
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671414 Accuracy: 0.717500 F1 Score: 0.321353
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671076 Accuracy: 0.717420 F1 Score: 0.321232
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670777 Accuracy: 0.717507 F1 Score: 0.321168
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670868 Accuracy: 0.717427 F1 Score: 0.321048
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670352 Accuracy: 0.717678 F1 Score: 0.321040
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670581 Accuracy: 0.717763 F1 Score: 0.322511
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670783 Accuracy: 0.717684 F1 Score: 0.322376
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670763 Accuracy: 0.717605 F1 Score: 0.322227
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670896 Accuracy: 0.717526 F1 Score: 0.322093
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670488 Accuracy: 0.717611 F1 Score: 0.322044
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670183 Accuracy: 0.717857 F1 Score: 0.322790
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669387 Accuracy: 0.718426 F1 Score: 0.322904
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669694 Accuracy: 0.717862 F1 Score: 0.322577
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669281 Accuracy: 0.718106 F1 Score: 0.322583
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669280 Accuracy: 0.718348 F1 Score: 0.322558
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669641 Accuracy: 0.718269 F1 Score: 0.322425
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669914 Accuracy: 0.718031 F1 Score: 0.322210
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669745 Accuracy: 0.718112 F1 Score: 0.322102
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669911 Accuracy: 0.718193 F1 Score: 0.322026
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669476 Accuracy: 0.718591 F1 Score: 0.322660
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669236 Accuracy: 0.718354 F1 Score: 0.322476
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669620 Accuracy: 0.718119 F1 Score: 0.322264
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669859 Accuracy: 0.717884 F1 Score: 0.322651
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669149 Accuracy: 0.718122 F1 Score: 0.323384
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668607 Accuracy: 0.718515 F1 Score: 0.323991
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668611 Accuracy: 0.718594 F1 Score: 0.323912
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669598 Accuracy: 0.718049 F1 Score: 0.323579
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670099 Accuracy: 0.717662 F1 Score: 0.323328
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669588 Accuracy: 0.718052 F1 Score: 0.323384
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670025 Accuracy: 0.717822 F1 Score: 0.323162
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669666 Accuracy: 0.718056 F1 Score: 0.323138
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669807 Accuracy: 0.717980 F1 Score: 0.323010
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669618 Accuracy: 0.718213 F1 Score: 0.322987
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669803 Accuracy: 0.718137 F1 Score: 0.323413
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670392 Accuracy: 0.717910 F1 Score: 0.323207
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670335 Accuracy: 0.717988 F1 Score: 0.323658
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669985 Accuracy: 0.718218 F1 Score: 0.323647
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670082 Accuracy: 0.718143 F1 Score: 0.324218
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669729 Accuracy: 0.718372 F1 Score: 0.324218
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669655 Accuracy: 0.718599 F1 Score: 0.324207
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669543 Accuracy: 0.718675 F1 Score: 0.324130
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669485 Accuracy: 0.718600 F1 Score: 0.324002
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669304 Accuracy: 0.718675 F1 Score: 0.323927
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669850 Accuracy: 0.718301 F1 Score: 0.323673
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669586 Accuracy: 0.718526 F1 Score: 0.323650
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669476 Accuracy: 0.718452 F1 Score: 0.323536
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669140 Accuracy: 0.718527 F1 Score: 0.323474
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669588 Accuracy: 0.718306 F1 Score: 0.323310
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669607 Accuracy: 0.718381 F1 Score: 0.323920
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669825 Accuracy: 0.718308 F1 Score: 0.323783
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670500 Accuracy: 0.717794 F1 Score: 0.324170
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670562 Accuracy: 0.717723 F1 Score: 0.324059
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670506 Accuracy: 0.717652 F1 Score: 0.323935
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670500 Accuracy: 0.717582 F1 Score: 0.323799
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670447 Accuracy: 0.717657 F1 Score: 0.323726
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670622 Accuracy: 0.717587 F1 Score: 0.323616
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670087 Accuracy: 0.717952 F1 Score: 0.323643
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670108 Accuracy: 0.717882 F1 Score: 0.323534
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669612 Accuracy: 0.718245 F1 Score: 0.323574
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670345 Accuracy: 0.717886 F1 Score: 0.323354
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670187 Accuracy: 0.717960 F1 Score: 0.323270
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669945 Accuracy: 0.718320 F1 Score: 0.324626
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669909 Accuracy: 0.718392 F1 Score: 0.324567
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670211 Accuracy: 0.718179 F1 Score: 0.324355
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669505 Accuracy: 0.718536 F1 Score: 0.324393
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669269 Accuracy: 0.718608 F1 Score: 0.324334
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669928 Accuracy: 0.718254 F1 Score: 0.324076
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669995 Accuracy: 0.718326 F1 Score: 0.323991
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669717 Accuracy: 0.718538 F1 Score: 0.323981
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669968 Accuracy: 0.718468 F1 Score: 0.324374
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669887 Accuracy: 0.718539 F1 Score: 0.324930
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669647 Accuracy: 0.718750 F1 Score: 0.324932
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669331 Accuracy: 0.718960 F1 Score: 0.324907
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669246 Accuracy: 0.718890 F1 Score: 0.325307
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668881 Accuracy: 0.719098 F1 Score: 0.325295
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668843 Accuracy: 0.719167 F1 Score: 0.325222
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669149 Accuracy: 0.718681 F1 Score: 0.324946
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669839 Accuracy: 0.718197 F1 Score: 0.324672
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669814 Accuracy: 0.718405 F1 Score: 0.324649
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669562 Accuracy: 0.718612 F1 Score: 0.324625
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669777 Accuracy: 0.718681 F1 Score: 0.324542
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669402 Accuracy: 0.718887 F1 Score: 0.324544
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670020 Accuracy: 0.718545 F1 Score: 0.324321
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670356 Accuracy: 0.718204 F1 Score: 0.324111
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670434 Accuracy: 0.718273 F1 Score: 0.324055
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670763 Accuracy: 0.717935 F1 Score: 0.323834
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670962 Accuracy: 0.717869 F1 Score: 0.323708
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671320 Accuracy: 0.717397 F1 Score: 0.323456
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671433 Accuracy: 0.717333 F1 Score: 0.323831
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671092 Accuracy: 0.717403 F1 Score: 0.323775
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670711 Accuracy: 0.717742 F1 Score: 0.323812
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670716 Accuracy: 0.717677 F1 Score: 0.323699
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670888 Accuracy: 0.717746 F1 Score: 0.323620
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670811 Accuracy: 0.717949 F1 Score: 0.324211
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670397 Accuracy: 0.718284 F1 Score: 0.324259
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670271 Accuracy: 0.718218 F1 Score: 0.324146
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669912 Accuracy: 0.718418 F1 Score: 0.324136
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669822 Accuracy: 0.718353 F1 Score: 0.324036
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669986 Accuracy: 0.718155 F1 Score: 0.323867
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670030 Accuracy: 0.718091 F1 Score: 0.323732
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669684 Accuracy: 0.718158 F1 Score: 0.323654
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669656 Accuracy: 0.718225 F1 Score: 0.324076
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669220 Accuracy: 0.718553 F1 Score: 0.324111
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668887 Accuracy: 0.718619 F1 Score: 0.324045
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668943 Accuracy: 0.718685 F1 Score: 0.323979
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668911 Accuracy: 0.718620 F1 Score: 0.323880
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668494 Accuracy: 0.718815 F1 Score: 0.324456
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668412 Accuracy: 0.718880 F1 Score: 0.324389
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668155 Accuracy: 0.719203 F1 Score: 0.324882
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668319 Accuracy: 0.719137 F1 Score: 0.324782
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668660 Accuracy: 0.718943 F1 Score: 0.324604
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668997 Accuracy: 0.718364 F1 Score: 0.324306
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668437 Accuracy: 0.718686 F1 Score: 0.324340
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668150 Accuracy: 0.718878 F1 Score: 0.324794
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667369 Accuracy: 0.719453 F1 Score: 0.324927
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667969 Accuracy: 0.719260 F1 Score: 0.324751
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668198 Accuracy: 0.719068 F1 Score: 0.324608
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667738 Accuracy: 0.719258 F1 Score: 0.324597
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667676 Accuracy: 0.719194 F1 Score: 0.324488
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667586 Accuracy: 0.719256 F1 Score: 0.324434
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667658 Accuracy: 0.719192 F1 Score: 0.324305
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667489 Accuracy: 0.719254 F1 Score: 0.324262
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666882 Accuracy: 0.719693 F1 Score: 0.324349
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666722 Accuracy: 0.719754 F1 Score: 0.324284
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667077 Accuracy: 0.719689 F1 Score: 0.324167
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666465 Accuracy: 0.720125 F1 Score: 0.324243
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666522 Accuracy: 0.720185 F1 Score: 0.324179
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666083 Accuracy: 0.720244 F1 Score: 0.324136
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666714 Accuracy: 0.719806 F1 Score: 0.323870
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666627 Accuracy: 0.719618 F1 Score: 0.323733
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667203 Accuracy: 0.719307 F1 Score: 0.323553
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667311 Accuracy: 0.719121 F1 Score: 0.323864
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667080 Accuracy: 0.719181 F1 Score: 0.323812
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667687 Accuracy: 0.718873 F1 Score: 0.323602
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667551 Accuracy: 0.719057 F1 Score: 0.324152
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667428 Accuracy: 0.718995 F1 Score: 0.324613
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668051 Accuracy: 0.718811 F1 Score: 0.325006
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668198 Accuracy: 0.718872 F1 Score: 0.324943
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668607 Accuracy: 0.718567 F1 Score: 0.324732
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668562 Accuracy: 0.718750 F1 Score: 0.324711
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668802 Accuracy: 0.718811 F1 Score: 0.324648
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668825 Accuracy: 0.718750 F1 Score: 0.324545
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668541 Accuracy: 0.718931 F1 Score: 0.324984
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667832 Accuracy: 0.719353 F1 Score: 0.325067
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667489 Accuracy: 0.719533 F1 Score: 0.325057
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667546 Accuracy: 0.719591 F1 Score: 0.324984
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667064 Accuracy: 0.719890 F1 Score: 0.325015
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667417 Accuracy: 0.719588 F1 Score: 0.324818
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667484 Accuracy: 0.719407 F1 Score: 0.324663
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667166 Accuracy: 0.719585 F1 Score: 0.324663
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667170 Accuracy: 0.719524 F1 Score: 0.324550
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667388 Accuracy: 0.719463 F1 Score: 0.324438
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667745 Accuracy: 0.719402 F1 Score: 0.324316
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667333 Accuracy: 0.719697 F1 Score: 0.324347
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667611 Accuracy: 0.719400 F1 Score: 0.324155
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667209 Accuracy: 0.719811 F1 Score: 0.324226
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666761 Accuracy: 0.719986 F1 Score: 0.324217
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666419 Accuracy: 0.720277 F1 Score: 0.324247
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666613 Accuracy: 0.720216 F1 Score: 0.324157
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666388 Accuracy: 0.720389 F1 Score: 0.324574
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666656 Accuracy: 0.720327 F1 Score: 0.324474
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666712 Accuracy: 0.720266 F1 Score: 0.324373
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666796 Accuracy: 0.720088 F1 Score: 0.324224
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666690 Accuracy: 0.720260 F1 Score: 0.324637
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666664 Accuracy: 0.720199 F1 Score: 0.324546
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666799 Accuracy: 0.720139 F1 Score: 0.324428
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667088 Accuracy: 0.719963 F1 Score: 0.324708
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667218 Accuracy: 0.720018 F1 Score: 0.325075
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667218 Accuracy: 0.720618 F1 Score: 0.325075
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666775 Accuracy: 0.720304 F1 Score: 0.325096
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666581 Accuracy: 0.720473 F1 Score: 0.325085
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666320 Accuracy: 0.720528 F1 Score: 0.325033
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666916 Accuracy: 0.720009 F1 Score: 0.324773
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666943 Accuracy: 0.720064 F1 Score: 0.324714
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667142 Accuracy: 0.720005 F1 Score: 0.324633
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666810 Accuracy: 0.720287 F1 Score: 0.324671
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667111 Accuracy: 0.720000 F1 Score: 0.324502
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666782 Accuracy: 0.720168 F1 Score: 0.324501
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667494 Accuracy: 0.719769 F1 Score: 0.324294
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667632 Accuracy: 0.719598 F1 Score: 0.324167
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667869 Accuracy: 0.719427 F1 Score: 0.324013
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667824 Accuracy: 0.719482 F1 Score: 0.323956
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668133 Accuracy: 0.719200 F1 Score: 0.323773
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667689 Accuracy: 0.719255 F1 Score: 0.323735
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667825 Accuracy: 0.719086 F1 Score: 0.323592
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667903 Accuracy: 0.719030 F1 Score: 0.323506
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667808 Accuracy: 0.719085 F1 Score: 0.323459
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667908 Accuracy: 0.719029 F1 Score: 0.323365
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667986 Accuracy: 0.718972 F1 Score: 0.323271
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668015 Accuracy: 0.718917 F1 Score: 0.323195
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668058 Accuracy: 0.718861 F1 Score: 0.323499
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668020 Accuracy: 0.718916 F1 Score: 0.323444
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667920 Accuracy: 0.719081 F1 Score: 0.323435
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667664 Accuracy: 0.719356 F1 Score: 0.323465
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667678 Accuracy: 0.719300 F1 Score: 0.323372
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668094 Accuracy: 0.719025 F1 Score: 0.323186
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668376 Accuracy: 0.718860 F1 Score: 0.323572
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668587 Accuracy: 0.718695 F1 Score: 0.323441
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668608 Accuracy: 0.718750 F1 Score: 0.323378
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668722 Accuracy: 0.718695 F1 Score: 0.323304
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668407 Accuracy: 0.718859 F1 Score: 0.323287
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668084 Accuracy: 0.719130 F1 Score: 0.323316
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668159 Accuracy: 0.719076 F1 Score: 0.323216
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668285 Accuracy: 0.718912 F1 Score: 0.323088
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668153 Accuracy: 0.718966 F1 Score: 0.323026
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668723 Accuracy: 0.718696 F1 Score: 0.322836
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668663 Accuracy: 0.718534 F1 Score: 0.322726
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668873 Accuracy: 0.718481 F1 Score: 0.322611
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668921 Accuracy: 0.718535 F1 Score: 0.322567
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668868 Accuracy: 0.718589 F1 Score: 0.322515
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669171 Accuracy: 0.718429 F1 Score: 0.322381
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669761 Accuracy: 0.718269 F1 Score: 0.322248
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669745 Accuracy: 0.718217 F1 Score: 0.322660
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669254 Accuracy: 0.718484 F1 Score: 0.322689
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669466 Accuracy: 0.718325 F1 Score: 0.322565
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669320 Accuracy: 0.718485 F1 Score: 0.322558
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669320 Accuracy: 0.718485 F1 Score: 0.322558
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669870 Accuracy: 0.718114 F1 Score: 0.322353
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669657 Accuracy: 0.718274 F1 Score: 0.322338
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670159 Accuracy: 0.717905 F1 Score: 0.322135
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670310 Accuracy: 0.717854 F1 Score: 0.322057
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670276 Accuracy: 0.717908 F1 Score: 0.322015
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670606 Accuracy: 0.717647 F1 Score: 0.321865
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670551 Accuracy: 0.717701 F1 Score: 0.321824
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670476 Accuracy: 0.717755 F1 Score: 0.321783
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670441 Accuracy: 0.717705 F1 Score: 0.322088
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670330 Accuracy: 0.717759 F1 Score: 0.322038
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670580 Accuracy: 0.717604 F1 Score: 0.321909
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670141 Accuracy: 0.717866 F1 Score: 0.322310
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669956 Accuracy: 0.718023 F1 Score: 0.322303
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670039 Accuracy: 0.717973 F1 Score: 0.322218
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669777 Accuracy: 0.718129 F1 Score: 0.322203
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669317 Accuracy: 0.718388 F1 Score: 0.322232
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668994 Accuracy: 0.718441 F1 Score: 0.322190
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669038 Accuracy: 0.718390 F1 Score: 0.322592
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668553 Accuracy: 0.718647 F1 Score: 0.322628
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668270 Accuracy: 0.718801 F1 Score: 0.323097
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668269 Accuracy: 0.718852 F1 Score: 0.323055
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667957 Accuracy: 0.719108 F1 Score: 0.323082
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667616 Accuracy: 0.719261 F1 Score: 0.323450
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667490 Accuracy: 0.719311 F1 Score: 0.323398
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667127 Accuracy: 0.719564 F1 Score: 0.323434
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666905 Accuracy: 0.719715 F1 Score: 0.323418
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667224 Accuracy: 0.719460 F1 Score: 0.323254
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667528 Accuracy: 0.719206 F1 Score: 0.323091
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667617 Accuracy: 0.719155 F1 Score: 0.322998
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667186 Accuracy: 0.719305 F1 Score: 0.322990
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666898 Accuracy: 0.719556 F1 Score: 0.323017
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666925 Accuracy: 0.719404 F1 Score: 0.322898
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667066 Accuracy: 0.719252 F1 Score: 0.323255
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667136 Accuracy: 0.719201 F1 Score: 0.323171
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667566 Accuracy: 0.718850 F1 Score: 0.322975
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667126 Accuracy: 0.719100 F1 Score: 0.323003
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667904 Accuracy: 0.718550 F1 Score: 0.322749
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667674 Accuracy: 0.718600 F1 Score: 0.322717
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668164 Accuracy: 0.718352 F1 Score: 0.322558
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668082 Accuracy: 0.718402 F1 Score: 0.322509
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667874 Accuracy: 0.718452 F1 Score: 0.322461
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667659 Accuracy: 0.718601 F1 Score: 0.322446
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667592 Accuracy: 0.718552 F1 Score: 0.322355
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668066 Accuracy: 0.718306 F1 Score: 0.322207
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667905 Accuracy: 0.718454 F1 Score: 0.322192
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667874 Accuracy: 0.718504 F1 Score: 0.322136
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667781 Accuracy: 0.718553 F1 Score: 0.322081
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667857 Accuracy: 0.718603 F1 Score: 0.322025
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668224 Accuracy: 0.718358 F1 Score: 0.321870
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668937 Accuracy: 0.718016 F1 Score: 0.321659
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669030 Accuracy: 0.717969 F1 Score: 0.321579
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668879 Accuracy: 0.718019 F1 Score: 0.321549
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668696 Accuracy: 0.718069 F1 Score: 0.321510
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668471 Accuracy: 0.718215 F1 Score: 0.321964
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668373 Accuracy: 0.718071 F1 Score: 0.321868
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668302 Accuracy: 0.718120 F1 Score: 0.321822
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668027 Accuracy: 0.718266 F1 Score: 0.321816
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667951 Accuracy: 0.718315 F1 Score: 0.322124
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667840 Accuracy: 0.718461 F1 Score: 0.322110
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667844 Accuracy: 0.718317 F1 Score: 0.321998
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667680 Accuracy: 0.718365 F1 Score: 0.321960
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667617 Accuracy: 0.718318 F1 Score: 0.321873
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667418 Accuracy: 0.718462 F1 Score: 0.321860
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667434 Accuracy: 0.718415 F1 Score: 0.321789
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667428 Accuracy: 0.718368 F1 Score: 0.321719
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667472 Accuracy: 0.718321 F1 Score: 0.321641
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667271 Accuracy: 0.718369 F1 Score: 0.321596
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666881 Accuracy: 0.718702 F1 Score: 0.322003
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667090 Accuracy: 0.718560 F1 Score: 0.321885
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667139 Accuracy: 0.718703 F1 Score: 0.322337
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667232 Accuracy: 0.718561 F1 Score: 0.322227
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666946 Accuracy: 0.718797 F1 Score: 0.322253
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667069 Accuracy: 0.718750 F1 Score: 0.322175
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666922 Accuracy: 0.718797 F1 Score: 0.322129
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666925 Accuracy: 0.718750 F1 Score: 0.322388
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666891 Accuracy: 0.718797 F1 Score: 0.322335
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666817 Accuracy: 0.718844 F1 Score: 0.322289
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666884 Accuracy: 0.718797 F1 Score: 0.322212
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666845 Accuracy: 0.718844 F1 Score: 0.322174
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667141 Accuracy: 0.718610 F1 Score: 0.322033
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667464 Accuracy: 0.718377 F1 Score: 0.321893
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667806 Accuracy: 0.718145 F1 Score: 0.321754
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667618 Accuracy: 0.718192 F1 Score: 0.322150
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667257 Accuracy: 0.718425 F1 Score: 0.322184
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666930 Accuracy: 0.718657 F1 Score: 0.322210
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.666764 Accuracy: 0.718704 F1 Score: 0.322157
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667273 Accuracy: 0.718380 F1 Score: 0.321979
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667386 Accuracy: 0.718427 F1 Score: 0.321927
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667514 Accuracy: 0.718381 F1 Score: 0.321851
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668042 Accuracy: 0.718060 F1 Score: 0.321651
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668167 Accuracy: 0.718015 F1 Score: 0.321584
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668440 Accuracy: 0.717970 F1 Score: 0.322271
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668296 Accuracy: 0.718109 F1 Score: 0.322266
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668478 Accuracy: 0.717972 F1 Score: 0.322159
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668625 Accuracy: 0.717836 F1 Score: 0.322484
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668355 Accuracy: 0.717974 F1 Score: 0.322487
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668705 Accuracy: 0.717839 F1 Score: 0.322365
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668856 Accuracy: 0.717704 F1 Score: 0.322235
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668644 Accuracy: 0.717842 F1 Score: 0.322214
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668368 Accuracy: 0.718070 F1 Score: 0.322247
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668718 Accuracy: 0.718025 F1 Score: 0.322812
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668650 Accuracy: 0.717981 F1 Score: 0.322744
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668645 Accuracy: 0.718027 F1 Score: 0.322693
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668380 Accuracy: 0.718164 F1 Score: 0.322679
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668264 Accuracy: 0.718120 F1 Score: 0.322597
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668006 Accuracy: 0.718165 F1 Score: 0.322568
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668279 Accuracy: 0.718121 F1 Score: 0.322494
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668397 Accuracy: 0.717988 F1 Score: 0.322389
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668617 Accuracy: 0.717855 F1 Score: 0.322277
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668613 Accuracy: 0.717811 F1 Score: 0.322196
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668272 Accuracy: 0.718125 F1 Score: 0.322259
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668376 Accuracy: 0.718081 F1 Score: 0.322178
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668925 Accuracy: 0.717682 F1 Score: 0.321998
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669057 Accuracy: 0.717639 F1 Score: 0.321925
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668910 Accuracy: 0.717596 F1 Score: 0.321867
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668572 Accuracy: 0.717819 F1 Score: 0.321892
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668823 Accuracy: 0.717688 F1 Score: 0.321790
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668644 Accuracy: 0.717822 F1 Score: 0.321785
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668945 Accuracy: 0.717602 F1 Score: 0.321646
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668669 Accuracy: 0.717824 F1 Score: 0.321664
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668621 Accuracy: 0.717782 F1 Score: 0.321599
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668940 Accuracy: 0.717563 F1 Score: 0.321461
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668939 Accuracy: 0.717609 F1 Score: 0.321419
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669021 Accuracy: 0.717567 F1 Score: 0.321763
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669164 Accuracy: 0.717525 F1 Score: 0.321684
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669108 Accuracy: 0.717483 F1 Score: 0.321613
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669329 Accuracy: 0.717353 F1 Score: 0.321528
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669853 Accuracy: 0.716876 F1 Score: 0.321288
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669749 Accuracy: 0.716748 F1 Score: 0.321174
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669715 Accuracy: 0.716794 F1 Score: 0.321535
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669722 Accuracy: 0.716840 F1 Score: 0.321796
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669830 Accuracy: 0.716800 F1 Score: 0.321718
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670028 Accuracy: 0.716672 F1 Score: 0.321611
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670232 Accuracy: 0.716632 F1 Score: 0.321534
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670720 Accuracy: 0.716419 F1 Score: 0.321384
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670751 Accuracy: 0.716293 F1 Score: 0.321293
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670996 Accuracy: 0.716167 F1 Score: 0.321187
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670885 Accuracy: 0.716300 F1 Score: 0.321177
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670601 Accuracy: 0.716346 F1 Score: 0.321137
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670970 Accuracy: 0.716135 F1 Score: 0.321017
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670718 Accuracy: 0.716267 F1 Score: 0.321020
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670949 Accuracy: 0.716228 F1 Score: 0.321650
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670516 Accuracy: 0.716445 F1 Score: 0.321675
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670884 Accuracy: 0.716064 F1 Score: 0.321497
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670587 Accuracy: 0.716281 F1 Score: 0.321522
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670725 Accuracy: 0.716241 F1 Score: 0.321446
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670723 Accuracy: 0.716287 F1 Score: 0.321797
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670277 Accuracy: 0.716588 F1 Score: 0.321858
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670631 Accuracy: 0.716294 F1 Score: 0.321689
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670724 Accuracy: 0.716255 F1 Score: 0.321928
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670707 Accuracy: 0.716301 F1 Score: 0.321881
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670772 Accuracy: 0.716262 F1 Score: 0.322118
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670912 Accuracy: 0.716223 F1 Score: 0.322050
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671336 Accuracy: 0.716016 F1 Score: 0.321896
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671026 Accuracy: 0.716314 F1 Score: 0.321949
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.671154 Accuracy: 0.716191 F1 Score: 0.321859
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670976 Accuracy: 0.716153 F1 Score: 0.321798
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670792 Accuracy: 0.716198 F1 Score: 0.322068
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670633 Accuracy: 0.716410 F1 Score: 0.322086
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670579 Accuracy: 0.716372 F1 Score: 0.322017
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670618 Accuracy: 0.716417 F1 Score: 0.321971
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670296 Accuracy: 0.716628 F1 Score: 0.321989
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670143 Accuracy: 0.716755 F1 Score: 0.321991
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670018 Accuracy: 0.716799 F1 Score: 0.321951
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670246 Accuracy: 0.716761 F1 Score: 0.321870
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670324 Accuracy: 0.716639 F1 Score: 0.321768
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670123 Accuracy: 0.716766 F1 Score: 0.322158
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670184 Accuracy: 0.716727 F1 Score: 0.322104
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669988 Accuracy: 0.716854 F1 Score: 0.322487
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670007 Accuracy: 0.716815 F1 Score: 0.322426
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669762 Accuracy: 0.717023 F1 Score: 0.322449
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669584 Accuracy: 0.717148 F1 Score: 0.322444
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669540 Accuracy: 0.717192 F1 Score: 0.322404
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669747 Accuracy: 0.717071 F1 Score: 0.322302
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669717 Accuracy: 0.717032 F1 Score: 0.322235
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669700 Accuracy: 0.716993 F1 Score: 0.322168
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669405 Accuracy: 0.717118 F1 Score: 0.322454
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669944 Accuracy: 0.716917 F1 Score: 0.322311
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669932 Accuracy: 0.716797 F1 Score: 0.322223
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669538 Accuracy: 0.717084 F1 Score: 0.322273
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670047 Accuracy: 0.716802 F1 Score: 0.322117
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670190 Accuracy: 0.716683 F1 Score: 0.322023
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670240 Accuracy: 0.716564 F1 Score: 0.321929
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669990 Accuracy: 0.716688 F1 Score: 0.321925
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669957 Accuracy: 0.716651 F1 Score: 0.321859
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670551 Accuracy: 0.716371 F1 Score: 0.321698
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670409 Accuracy: 0.716414 F1 Score: 0.321673
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670404 Accuracy: 0.716377 F1 Score: 0.321615
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670333 Accuracy: 0.716420 F1 Score: 0.321584
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670331 Accuracy: 0.716463 F1 Score: 0.321546
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670375 Accuracy: 0.716506 F1 Score: 0.321521
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670583 Accuracy: 0.716389 F1 Score: 0.321430
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670527 Accuracy: 0.716432 F1 Score: 0.321392
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670353 Accuracy: 0.716555 F1 Score: 0.321395
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669977 Accuracy: 0.716757 F1 Score: 0.321418
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670082 Accuracy: 0.716720 F1 Score: 0.321340
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669911 Accuracy: 0.716842 F1 Score: 0.321343
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669493 Accuracy: 0.717122 F1 Score: 0.321400
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669618 Accuracy: 0.717005 F1 Score: 0.321322
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669491 Accuracy: 0.717047 F1 Score: 0.321291
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669276 Accuracy: 0.717168 F1 Score: 0.321287
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668719 Accuracy: 0.717525 F1 Score: 0.321370
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668714 Accuracy: 0.717487 F1 Score: 0.321306
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669032 Accuracy: 0.717371 F1 Score: 0.321769
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669082 Accuracy: 0.717333 F1 Score: 0.321983
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669073 Accuracy: 0.717374 F1 Score: 0.322325
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669429 Accuracy: 0.716944 F1 Score: 0.322114
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669468 Accuracy: 0.716907 F1 Score: 0.322056
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669387 Accuracy: 0.717027 F1 Score: 0.322058
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669330 Accuracy: 0.717068 F1 Score: 0.322020
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669385 Accuracy: 0.717031 F1 Score: 0.321950
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669579 Accuracy: 0.716994 F1 Score: 0.321886
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669307 Accuracy: 0.717113 F1 Score: 0.321888
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668952 Accuracy: 0.717310 F1 Score: 0.321917
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668896 Accuracy: 0.717351 F1 Score: 0.322243
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668761 Accuracy: 0.717391 F1 Score: 0.322212
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668948 Accuracy: 0.717277 F1 Score: 0.322115
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669714 Accuracy: 0.716775 F1 Score: 0.321868
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669545 Accuracy: 0.716971 F1 Score: 0.321890
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669705 Accuracy: 0.716857 F1 Score: 0.321813
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669752 Accuracy: 0.716821 F1 Score: 0.321757
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669436 Accuracy: 0.717016 F1 Score: 0.321786
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669471 Accuracy: 0.717057 F1 Score: 0.322021
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669449 Accuracy: 0.716943 F1 Score: 0.321944
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669537 Accuracy: 0.716907 F1 Score: 0.321888
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669642 Accuracy: 0.716794 F1 Score: 0.321786
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669700 Accuracy: 0.716759 F1 Score: 0.321705
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669731 Accuracy: 0.716646 F1 Score: 0.321617
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669763 Accuracy: 0.716611 F1 Score: 0.321567
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669507 Accuracy: 0.716880 F1 Score: 0.321621
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669575 Accuracy: 0.716692 F1 Score: 0.321514
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669574 Accuracy: 0.716733 F1 Score: 0.321478
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669776 Accuracy: 0.716621 F1 Score: 0.321378
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669586 Accuracy: 0.716738 F1 Score: 0.321381
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Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669586 Accuracy: 0.716738 F1 Score: 0.321581
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669639 Accuracy: 0.716702 F1 Score: 0.321319
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669655 Accuracy: 0.716667 F1 Score: 0.321258
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669836 Accuracy: 0.716556 F1 Score: 0.321171
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669813 Accuracy: 0.716596 F1 Score: 0.321142
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669667 Accuracy: 0.716712 F1 Score: 0.321145
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669503 Accuracy: 0.716828 F1 Score: 0.321135
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669497 Accuracy: 0.716867 F1 Score: 0.321113
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669439 Accuracy: 0.716832 F1 Score: 0.321046
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669217 Accuracy: 0.717022 F1 Score: 0.321061
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669312 Accuracy: 0.716912 F1 Score: 0.320982
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669747 Accuracy: 0.716652 F1 Score: 0.320827
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669511 Accuracy: 0.716766 F1 Score: 0.320824
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669750 Accuracy: 0.716582 F1 Score: 0.320971
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669759 Accuracy: 0.716547 F1 Score: 0.321637
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669470 Accuracy: 0.716811 F1 Score: 0.321683
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669361 Accuracy: 0.716925 F1 Score: 0.321935
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669057 Accuracy: 0.717039 F1 Score: 0.321931
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669324 Accuracy: 0.716929 F1 Score: 0.321826
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669360 Accuracy: 0.716894 F1 Score: 0.322021
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669205 Accuracy: 0.716934 F1 Score: 0.321991
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668895 Accuracy: 0.717195 F1 Score: 0.322304
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669013 Accuracy: 0.717234 F1 Score: 0.322263
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668931 Accuracy: 0.717272 F1 Score: 0.322585
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668891 Accuracy: 0.717237 F1 Score: 0.322530
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668536 Accuracy: 0.717423 F1 Score: 0.322557
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668935 Accuracy: 0.717167 F1 Score: 0.322402
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669007 Accuracy: 0.717132 F1 Score: 0.322335
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668754 Accuracy: 0.717318 F1 Score: 0.322356
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668809 Accuracy: 0.717210 F1 Score: 0.322264
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668694 Accuracy: 0.717321 F1 Score: 0.322260
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668479 Accuracy: 0.717506 F1 Score: 0.322280
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668356 Accuracy: 0.717617 F1 Score: 0.322276
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668524 Accuracy: 0.717509 F1 Score: 0.322185
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668773 Accuracy: 0.717328 F1 Score: 0.322314
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668899 Accuracy: 0.717293 F1 Score: 0.322254
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669260 Accuracy: 0.717113 F1 Score: 0.322144
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669374 Accuracy: 0.717006 F1 Score: 0.322315
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669693 Accuracy: 0.716754 F1 Score: 0.322169
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669757 Accuracy: 0.716792 F1 Score: 0.322474
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669426 Accuracy: 0.717048 F1 Score: 0.322519
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669584 Accuracy: 0.717014 F1 Score: 0.322702
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669505 Accuracy: 0.717124 F1 Score: 0.322692
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669736 Accuracy: 0.717018 F1 Score: 0.322601
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669914 Accuracy: 0.716984 F1 Score: 0.322547
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669916 Accuracy: 0.717022 F1 Score: 0.322507
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669833 Accuracy: 0.717060 F1 Score: 0.322483
```

```
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669704 Accuracy: 0.717170 F1 Score: 0.322485
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669608 Accuracy: 0.717135 F1 Score: 0.322431
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669876 Accuracy: 0.716958 F1 Score: 0.322311
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669747 Accuracy: 0.717068 F1 Score: 0.322307
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669842 Accuracy: 0.717034 F1 Score: 0.322242
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669904 Accuracy: 0.716929 F1 Score: 0.322159
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669840 Accuracy: 0.717038 F1 Score: 0.322411
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670028 Accuracy: 0.717004 F1 Score: 0.322341
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669557 Accuracy: 0.717326 F1 Score: 0.322416
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669775 Accuracy: 0.717221 F1 Score: 0.322333
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670051 Accuracy: 0.716903 F1 Score: 0.322171
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670062 Accuracy: 0.716870 F1 Score: 0.322113
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670247 Accuracy: 0.716766 F1 Score: 0.322030
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670424 Accuracy: 0.716591 F1 Score: 0.321907
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670266 Accuracy: 0.716700 F1 Score: 0.322245
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670106 Accuracy: 0.716808 F1 Score: 0.322236
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670225 Accuracy: 0.716775 F1 Score: 0.322178
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670414 Accuracy: 0.716601 F1 Score: 0.322060
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670670 Accuracy: 0.716427 F1 Score: 0.321954
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670511 Accuracy: 0.716535 F1 Score: 0.321951
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670306 Accuracy: 0.716713 F1 Score: 0.321976
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670121 Accuracy: 0.716891 F1 Score: 0.322330
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670041 Accuracy: 0.716928 F1 Score: 0.322296
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669977 Accuracy: 0.716895 F1 Score: 0.322250
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669849 Accuracy: 0.716932 F1 Score: 0.322228
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669728 Accuracy: 0.716969 F1 Score: 0.322200
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669806 Accuracy: 0.716867 F1 Score: 0.322113
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669848 Accuracy: 0.716764 F1 Score: 0.322032
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669712 Accuracy: 0.716801 F1 Score: 0.322342
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669626 Accuracy: 0.716908 F1 Score: 0.322570
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669771 Accuracy: 0.716806 F1 Score: 0.322472
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669845 Accuracy: 0.716634 F1 Score: 0.322356
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669947 Accuracy: 0.716533 F1 Score: 0.322281
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669857 Accuracy: 0.716570 F1 Score: 0.322259
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670122 Accuracy: 0.716468 F1 Score: 0.322167
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669986 Accuracy: 0.716506 F1 Score: 0.322145
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670070 Accuracy: 0.716474 F1 Score: 0.322083
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670115 Accuracy: 0.716442 F1 Score: 0.322032
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670021 Accuracy: 0.716547 F1 Score: 0.322028
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669825 Accuracy: 0.716653 F1 Score: 0.322024
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669826 Accuracy: 0.716690 F1 Score: 0.322318
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669525 Accuracy: 0.716863 F1 Score: 0.322343
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669406 Accuracy: 0.716900 F1 Score: 0.322322
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669367 Accuracy: 0.716936 F1 Score: 0.322283
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669575 Accuracy: 0.716835 F1 Score: 0.322198
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670074 Accuracy: 0.716530 F1 Score: 0.322026
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670047 Accuracy: 0.716567 F1 Score: 0.321987
```
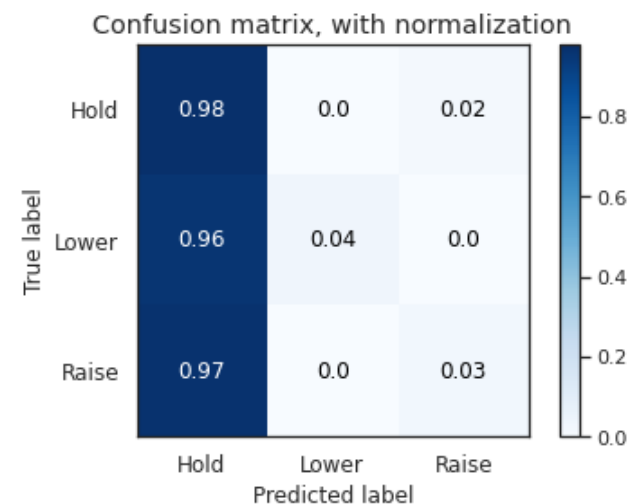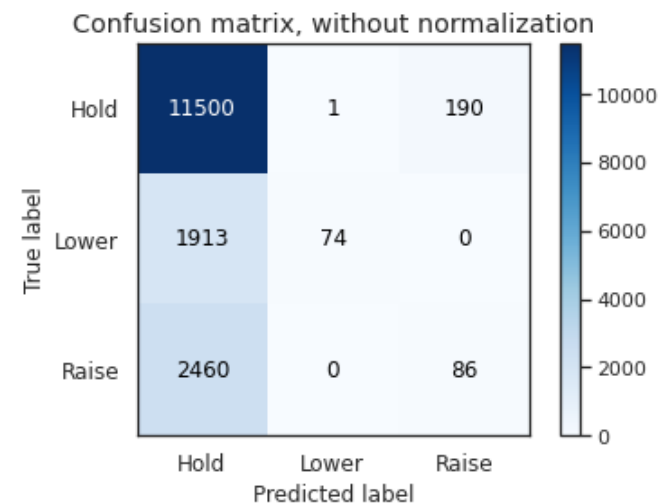
```
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670180 Accuracy: 0.716399 F1 Score: 0.321885
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670247 Accuracy: 0.716367 F1 Score: 0.321824
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669915 Accuracy: 0.716540 F1 Score: 0.321849
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669944 Accuracy: 0.716576 F1 Score: 0.321823
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669811 Accuracy: 0.716680 F1 Score: 0.321819
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669955 Accuracy: 0.716649 F1 Score: 0.321752
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669891 Accuracy: 0.716617 F1 Score: 0.321703
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670119 Accuracy: 0.716450 F1 Score: 0.321602
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.670210 Accuracy: 0.716419 F1 Score: 0.321536
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669932 Accuracy: 0.716658 F1 Score: 0.321584
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669960 Accuracy: 0.716694 F1 Score: 0.321552
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669673 Accuracy: 0.716932 F1 Score: 0.321600
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669546 Accuracy: 0.717034 F1 Score: 0.321917
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669665 Accuracy: 0.717003 F1 Score: 0.322330
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669495 Accuracy: 0.717105 F1 Score: 0.322326
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669508 Accuracy: 0.717073 F1 Score: 0.322512
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669577 Accuracy: 0.717042 F1 Score: 0.322446
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669379 Accuracy: 0.717211 F1 Score: 0.322465
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669415 Accuracy: 0.717246 F1 Score: 0.322427
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669155 Accuracy: 0.717348 F1 Score: 0.322428
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669197 Accuracy: 0.717316 F1 Score: 0.322373
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669202 Accuracy: 0.717351 F1 Score: 0.322335
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669089 Accuracy: 0.717452 F1 Score: 0.322566
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669038 Accuracy: 0.717487 F1 Score: 0.322534
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669215 Accuracy: 0.717388 F1 Score: 0.322451
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669090 Accuracy: 0.717489 F1 Score: 0.322441
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669277 Accuracy: 0.717391 F1 Score: 0.322348
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669021 Accuracy: 0.717558 F1 Score: 0.322372
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669051 Accuracy: 0.717394 F1 Score: 0.322267
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669082 Accuracy: 0.717429 F1 Score: 0.322240
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669029 Accuracy: 0.717463 F1 Score: 0.322213
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668727 Accuracy: 0.717629 F1 Score: 0.322237
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668575 Accuracy: 0.717795 F1 Score: 0.322256
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668254 Accuracy: 0.717961 F1 Score: 0.322279
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668507 Accuracy: 0.717731 F1 Score: 0.322157
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668480 Accuracy: 0.717765 F1 Score: 0.322115
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668586 Accuracy: 0.717668 F1 Score: 0.322044
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668806 Accuracy: 0.717505 F1 Score: 0.321945
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668551 Accuracy: 0.717670 F1 Score: 0.321969
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668402 Accuracy: 0.717769 F1 Score: 0.321965
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668018 Accuracy: 0.717999 F1 Score: 0.322011
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668094 Accuracy: 0.717967 F1 Score: 0.321957
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668050 Accuracy: 0.718066 F1 Score: 0.322183
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667996 Accuracy: 0.718099 F1 Score: 0.322147
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668497 Accuracy: 0.717807 F1 Score: 0.321989
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668544 Accuracy: 0.717840 F1 Score: 0.321963
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668555 Accuracy: 0.717874 F1 Score: 0.321937
```

```
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668625 Accuracy: 0.717842 F1 Score: 0.321884
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668558 Accuracy: 0.717876 F1 Score: 0.321853
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668473 Accuracy: 0.717909 F1 Score: 0.321827
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668422 Accuracy: 0.717942 F1 Score: 0.321791
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668325 Accuracy: 0.718040 F1 Score: 0.321782
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668514 Accuracy: 0.718008 F1 Score: 0.321734
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668461 Accuracy: 0.717977 F1 Score: 0.321681
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668276 Accuracy: 0.718074 F1 Score: 0.321678
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668101 Accuracy: 0.718236 F1 Score: 0.321691
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667927 Accuracy: 0.718268 F1 Score: 0.321665
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667922 Accuracy: 0.718237 F1 Score: 0.321617
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667861 Accuracy: 0.718205 F1 Score: 0.321565
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667912 Accuracy: 0.718174 F1 Score: 0.321518
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668431 Accuracy: 0.717950 F1 Score: 0.321390
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668578 Accuracy: 0.717855 F1 Score: 0.321302
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668457 Accuracy: 0.717952 F1 Score: 0.321605
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668663 Accuracy: 0.717921 F1 Score: 0.321769
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668707 Accuracy: 0.718017 F1 Score: 0.321990
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668542 Accuracy: 0.718050 F1 Score: 0.321969
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668442 Accuracy: 0.718082 F1 Score: 0.322248
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668516 Accuracy: 0.717988 F1 Score: 0.322174
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668815 Accuracy: 0.717703 F1 Score: 0.322025
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668758 Accuracy: 0.717799 F1 Score: 0.322011
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668882 Accuracy: 0.717768 F1 Score: 0.321959
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668616 Accuracy: 0.717928 F1 Score: 0.321977
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668727 Accuracy: 0.717897 F1 Score: 0.321920
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668780 Accuracy: 0.717803 F1 Score: 0.321847
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668897 Accuracy: 0.717709 F1 Score: 0.322065
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669113 Accuracy: 0.717553 F1 Score: 0.321961
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669001 Accuracy: 0.717586 F1 Score: 0.321936
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668717 Accuracy: 0.717807 F1 Score: 0.321980
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668844 Accuracy: 0.717714 F1 Score: 0.321907
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.669027 Accuracy: 0.717620 F1 Score: 0.321824
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668981 Accuracy: 0.717653 F1 Score: 0.321799
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668855 Accuracy: 0.717748 F1 Score: 0.322017
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668868 Accuracy: 0.717655 F1 Score: 0.321939
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668721 Accuracy: 0.717750 F1 Score: 0.321931
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668630 Accuracy: 0.717907 F1 Score: 0.322169
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668604 Accuracy: 0.717939 F1 Score: 0.322144
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668792 Accuracy: 0.717846 F1 Score: 0.322282
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668606 Accuracy: 0.718003 F1 Score: 0.322299
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668746 Accuracy: 0.717973 F1 Score: 0.322463
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668442 Accuracy: 0.718191 F1 Score: 0.322506
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668413 Accuracy: 0.718160 F1 Score: 0.322450
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668540 Accuracy: 0.718130 F1 Score: 0.322394
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668209 Accuracy: 0.718285 F1 Score: 0.322416
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.668218 Accuracy: 0.718255 F1 Score: 0.322369
```

```
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667992 Accuracy: 0.718410 F1 Score: 0.322386
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667819 Accuracy: 0.718503 F1 Score: 0.322386
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667529 Accuracy: 0.718719 F1 Score: 0.322429
Epoch: 2/3... Step: 3800... Loss: 0.747039... Val Loss: 0.667490 Accuracy: 0.718688 F1 Score: 0.322382
3800 steps in epoch 2

Epoch: 2, Average Accuracy: 0.71868836, Average f1: 0.32238212

<Figure size 432x288 with 0 Axes>
```


Confusion matrix, without normalization

Confusion matrix, with normalization

```
Starting epoch 3
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.691406 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.600560 Accuracy: 0.718750 F1 Score: 0.278788
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.689693 Accuracy: 0.666667 F1 Score: 0.316239
```

```
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656416 Accuracy: 0.687500 F1 Score: 0.312107
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.642594 Accuracy: 0.712500 F1 Score: 0.381572
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659698 Accuracy: 0.708333 F1 Score: 0.402833
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.661425 Accuracy: 0.714286 F1 Score: 0.414251
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659590 Accuracy: 0.726562 F1 Score: 0.426189
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660545 Accuracy: 0.715278 F1 Score: 0.410348
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.663603 Accuracy: 0.718750 F1 Score: 0.400539
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.681525 Accuracy: 0.710227 F1 Score: 0.386802
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658782 Accuracy: 0.718750 F1 Score: 0.397942
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660389 Accuracy: 0.716346 F1 Score: 0.387633
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656664 Accuracy: 0.718750 F1 Score: 0.393371
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.676241 Accuracy: 0.708333 F1 Score: 0.380994
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.673803 Accuracy: 0.707031 F1 Score: 0.375764
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.676923 Accuracy: 0.702206 F1 Score: 0.367776
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.670777 Accuracy: 0.704861 F1 Score: 0.373322
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.694416 Accuracy: 0.690789 F1 Score: 0.361506
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.699157 Accuracy: 0.690625 F1 Score: 0.357296
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.694987 Accuracy: 0.696429 F1 Score: 0.363406
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.704293 Accuracy: 0.687500 F1 Score: 0.355586
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.691947 Accuracy: 0.695652 F1 Score: 0.356375
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.696999 Accuracy: 0.695312 F1 Score: 0.359120
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.686407 Accuracy: 0.702500 F1 Score: 0.371928
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.675352 Accuracy: 0.709135 F1 Score: 0.372142
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.677989 Accuracy: 0.703704 F1 Score: 0.366459
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.675111 Accuracy: 0.705357 F1 Score: 0.364575
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.669021 Accuracy: 0.711207 F1 Score: 0.375231
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.666410 Accuracy: 0.712500 F1 Score: 0.372948
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.663802 Accuracy: 0.713710 F1 Score: 0.370539
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660262 Accuracy: 0.714844 F1 Score: 0.368740
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.663822 Accuracy: 0.712121 F1 Score: 0.364831
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.663205 Accuracy: 0.713235 F1 Score: 0.368066
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.664714 Accuracy: 0.712500 F1 Score: 0.365449
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.662796 Accuracy: 0.713542 F1 Score: 0.368393
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654801 Accuracy: 0.719595 F1 Score: 0.369300
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648517 Accuracy: 0.723684 F1 Score: 0.369323
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654137 Accuracy: 0.722756 F1 Score: 0.375138
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651993 Accuracy: 0.723437 F1 Score: 0.373483
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648817 Accuracy: 0.725610 F1 Score: 0.372699
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647424 Accuracy: 0.727679 F1 Score: 0.379493
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654561 Accuracy: 0.722384 F1 Score: 0.374866
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647170 Accuracy: 0.727273 F1 Score: 0.375657
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650602 Accuracy: 0.726389 F1 Score: 0.373507
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655025 Accuracy: 0.725543 F1 Score: 0.371461
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655578 Accuracy: 0.724734 F1 Score: 0.369511
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649567 Accuracy: 0.729167 F1 Score: 0.376531
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649595 Accuracy: 0.729592 F1 Score: 0.375083
Epoch: 3/3    Step: 950    Loss: 0.448355    Val Loss: 0.652212 Accuracy: 0.728750 F1 Score: 0.373102
```

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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652212 Accuracy: 0.728750 F1 Score: 0.373182
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659351 Accuracy: 0.723039 F1 Score: 0.368599
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.661073 Accuracy: 0.721154 F1 Score: 0.366215
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655013 Accuracy: 0.725236 F1 Score: 0.372357
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650728 Accuracy: 0.728009 F1 Score: 0.372344
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652316 Accuracy: 0.726136 F1 Score: 0.369958
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649909 Accuracy: 0.727679 F1 Score: 0.369388
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649515 Accuracy: 0.728070 F1 Score: 0.368283
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650618 Accuracy: 0.727371 F1 Score: 0.366609
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657653 Accuracy: 0.723517 F1 Score: 0.366447
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655993 Accuracy: 0.722917 F1 Score: 0.364904
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652737 Accuracy: 0.725410 F1 Score: 0.364982
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650928 Accuracy: 0.725806 F1 Score: 0.364014
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653103 Accuracy: 0.724206 F1 Score: 0.362189
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655547 Accuracy: 0.722656 F1 Score: 0.363128
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652306 Accuracy: 0.724038 F1 Score: 0.362632
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648585 Accuracy: 0.726326 F1 Score: 0.362685
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651529 Accuracy: 0.725746 F1 Score: 0.369841
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651157 Accuracy: 0.726103 F1 Score: 0.368894
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653816 Accuracy: 0.725543 F1 Score: 0.367507
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653284 Accuracy: 0.725893 F1 Score: 0.369237
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654018 Accuracy: 0.726232 F1 Score: 0.368339
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652945 Accuracy: 0.728299 F1 Score: 0.368360
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652911 Accuracy: 0.728596 F1 Score: 0.367508
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649984 Accuracy: 0.729730 F1 Score: 0.367048
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648234 Accuracy: 0.730000 F1 Score: 0.366174
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648601 Accuracy: 0.729441 F1 Score: 0.368660
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651950 Accuracy: 0.728084 F1 Score: 0.373048
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651459 Accuracy: 0.728365 F1 Score: 0.372148
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650749 Accuracy: 0.728639 F1 Score: 0.371293
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650648 Accuracy: 0.728906 F1 Score: 0.370456
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648432 Accuracy: 0.730710 F1 Score: 0.372761
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647528 Accuracy: 0.731707 F1 Score: 0.372322
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647747 Accuracy: 0.731928 F1 Score: 0.371499
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.646004 Accuracy: 0.733631 F1 Score: 0.371464
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.646271 Accuracy: 0.733824 F1 Score: 0.370661
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647887 Accuracy: 0.732558 F1 Score: 0.369122
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650073 Accuracy: 0.732040 F1 Score: 0.370199
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651870 Accuracy: 0.730824 F1 Score: 0.368698
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649919 Accuracy: 0.731742 F1 Score: 0.368320
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649705 Accuracy: 0.731944 F1 Score: 0.367593
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650730 Accuracy: 0.731456 F1 Score: 0.366530
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649238 Accuracy: 0.733016 F1 Score: 0.368597
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648290 Accuracy: 0.733199 F1 Score: 0.369924
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647019 Accuracy: 0.733378 F1 Score: 0.369203
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648338 Accuracy: 0.732895 F1 Score: 0.368165
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649297 Accuracy: 0.731771 F1 Score: 0.366814
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651318 Accuracy: 0.730026 F1 Score: 0.365100
```

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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651318 Accuracy: 0.730026 F1 Score: 0.365190
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649698 Accuracy: 0.730230 F1 Score: 0.367476
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647871 Accuracy: 0.731692 F1 Score: 0.367467
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649183 Accuracy: 0.731250 F1 Score: 0.369349
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653078 Accuracy: 0.728960 F1 Score: 0.367407
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653324 Accuracy: 0.727941 F1 Score: 0.368930
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652964 Accuracy: 0.728762 F1 Score: 0.368592
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652396 Accuracy: 0.729567 F1 Score: 0.370899
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651439 Accuracy: 0.730357 F1 Score: 0.372374
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651442 Accuracy: 0.729953 F1 Score: 0.371404
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654439 Accuracy: 0.728388 F1 Score: 0.371609
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654106 Accuracy: 0.728588 F1 Score: 0.370977
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655664 Accuracy: 0.727638 F1 Score: 0.369765
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656220 Accuracy: 0.726705 F1 Score: 0.368594
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657264 Accuracy: 0.725788 F1 Score: 0.367435
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657043 Accuracy: 0.726562 F1 Score: 0.367154
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657286 Accuracy: 0.726770 F1 Score: 0.368954
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656568 Accuracy: 0.726974 F1 Score: 0.368400
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655471 Accuracy: 0.727717 F1 Score: 0.368141
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654099 Accuracy: 0.728448 F1 Score: 0.367886
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653973 Accuracy: 0.728098 F1 Score: 0.367068
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653720 Accuracy: 0.728284 F1 Score: 0.366507
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654587 Accuracy: 0.726891 F1 Score: 0.365198
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652321 Accuracy: 0.728646 F1 Score: 0.365459
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651764 Accuracy: 0.728822 F1 Score: 0.364953
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650915 Accuracy: 0.729508 F1 Score: 0.364704
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652729 Accuracy: 0.729675 F1 Score: 0.364175
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653647 Accuracy: 0.729839 F1 Score: 0.366843
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653623 Accuracy: 0.729500 F1 Score: 0.369831
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655605 Accuracy: 0.728175 F1 Score: 0.370060
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654797 Accuracy: 0.728839 F1 Score: 0.369801
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656300 Accuracy: 0.727051 F1 Score: 0.368301
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658827 Accuracy: 0.726260 F1 Score: 0.367319
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660675 Accuracy: 0.725000 F1 Score: 0.367550
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658938 Accuracy: 0.725191 F1 Score: 0.367089
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659426 Accuracy: 0.724905 F1 Score: 0.367788
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658184 Accuracy: 0.725094 F1 Score: 0.367332
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659217 Accuracy: 0.724347 F1 Score: 0.366371
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658518 Accuracy: 0.724537 F1 Score: 0.365928
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658747 Accuracy: 0.723805 F1 Score: 0.367044
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658811 Accuracy: 0.723996 F1 Score: 0.367942
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657624 Accuracy: 0.724638 F1 Score: 0.367710
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656370 Accuracy: 0.725719 F1 Score: 0.371021
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655303 Accuracy: 0.725893 F1 Score: 0.370565
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654227 Accuracy: 0.726507 F1 Score: 0.371647
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655363 Accuracy: 0.725352 F1 Score: 0.371785
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655621 Accuracy: 0.725524 F1 Score: 0.371309
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655047 Accuracy: 0.725694 F1 Score: 0.370854
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653346 Accuracy: 0.727155 F1 Score: 0.371073
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652775 Accuracy: 0.727312 F1 Score: 0.370622
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651472 Accuracy: 0.727041 F1 Score: 0.369969
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651807 Accuracy: 0.726774 F1 Score: 0.370562
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650218 Accuracy: 0.727768 F1 Score: 0.371795
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649236 Accuracy: 0.728750 F1 Score: 0.371787
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648071 Accuracy: 0.729305 F1 Score: 0.371561
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648902 Accuracy: 0.729030 F1 Score: 0.370914
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648248 Accuracy: 0.729575 F1 Score: 0.370694
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.647543 Accuracy: 0.730519 F1 Score: 0.370679
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648459 Accuracy: 0.730242 F1 Score: 0.371851
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648938 Accuracy: 0.730369 F1 Score: 0.371417
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649632 Accuracy: 0.730096 F1 Score: 0.370773
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.648872 Accuracy: 0.730617 F1 Score: 0.370554
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651205 Accuracy: 0.729167 F1 Score: 0.370505
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650755 Accuracy: 0.728906 F1 Score: 0.369897
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649706 Accuracy: 0.729814 F1 Score: 0.371046
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649143 Accuracy: 0.729938 F1 Score: 0.370638
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649650 Accuracy: 0.729294 F1 Score: 0.369840
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649676 Accuracy: 0.729421 F1 Score: 0.369434
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649963 Accuracy: 0.729545 F1 Score: 0.370166
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649322 Accuracy: 0.729669 F1 Score: 0.369769
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650580 Accuracy: 0.728668 F1 Score: 0.368800
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651572 Accuracy: 0.728051 F1 Score: 0.368039
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653186 Accuracy: 0.727071 F1 Score: 0.367094
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651474 Accuracy: 0.727941 F1 Score: 0.368188
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650944 Accuracy: 0.728070 F1 Score: 0.367812
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651414 Accuracy: 0.727834 F1 Score: 0.367259
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652624 Accuracy: 0.726517 F1 Score: 0.366157
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651620 Accuracy: 0.727011 F1 Score: 0.365981
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653001 Accuracy: 0.726429 F1 Score: 0.366322
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652998 Accuracy: 0.726562 F1 Score: 0.367013
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652649 Accuracy: 0.727401 F1 Score: 0.367018
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652570 Accuracy: 0.727177 F1 Score: 0.366479
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654261 Accuracy: 0.726257 F1 Score: 0.365610
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655039 Accuracy: 0.726389 F1 Score: 0.366305
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653977 Accuracy: 0.726865 F1 Score: 0.366143
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654437 Accuracy: 0.726305 F1 Score: 0.365443
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654708 Accuracy: 0.726093 F1 Score: 0.364936
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655639 Accuracy: 0.725883 F1 Score: 0.365440
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655725 Accuracy: 0.726014 F1 Score: 0.366090
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656475 Accuracy: 0.725470 F1 Score: 0.366960
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656234 Accuracy: 0.725267 F1 Score: 0.366451
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655585 Accuracy: 0.725066 F1 Score: 0.365954
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656203 Accuracy: 0.724868 F1 Score: 0.365470
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655818 Accuracy: 0.725658 F1 Score: 0.365489
```

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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655601 Accuracy: 0.725785 F1 Score: 0.365163
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655423 Accuracy: 0.725586 F1 Score: 0.364681
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655083 Accuracy: 0.726036 F1 Score: 0.365991
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654692 Accuracy: 0.726160 F1 Score: 0.365670
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655061 Accuracy: 0.725962 F1 Score: 0.365196
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654965 Accuracy: 0.726084 F1 Score: 0.364882
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656013 Accuracy: 0.725254 F1 Score: 0.364100
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656291 Accuracy: 0.725063 F1 Score: 0.363638
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654902 Accuracy: 0.726131 F1 Score: 0.366160
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657451 Accuracy: 0.725000 F1 Score: 0.365226
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657726 Accuracy: 0.724502 F1 Score: 0.364609
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657334 Accuracy: 0.724629 F1 Score: 0.364311
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657020 Accuracy: 0.725062 F1 Score: 0.364168
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657195 Accuracy: 0.724877 F1 Score: 0.363720
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656739 Accuracy: 0.725305 F1 Score: 0.363578
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656878 Accuracy: 0.725425 F1 Score: 0.363288
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655825 Accuracy: 0.726147 F1 Score: 0.363297
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655359 Accuracy: 0.725962 F1 Score: 0.362857
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655368 Accuracy: 0.725778 F1 Score: 0.362424
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656211 Accuracy: 0.725298 F1 Score: 0.361850
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656464 Accuracy: 0.725118 F1 Score: 0.362310
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657302 Accuracy: 0.724646 F1 Score: 0.361746
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657091 Accuracy: 0.724765 F1 Score: 0.362349
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657552 Accuracy: 0.724591 F1 Score: 0.361935
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656795 Accuracy: 0.725000 F1 Score: 0.361816
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655375 Accuracy: 0.725984 F1 Score: 0.361970
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656372 Accuracy: 0.725806 F1 Score: 0.361569
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657080 Accuracy: 0.725344 F1 Score: 0.361861
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657464 Accuracy: 0.725171 F1 Score: 0.361439
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657144 Accuracy: 0.725568 F1 Score: 0.361311
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658138 Accuracy: 0.724830 F1 Score: 0.361924
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658290 Accuracy: 0.724944 F1 Score: 0.361660
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659320 Accuracy: 0.724215 F1 Score: 0.360980
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659581 Accuracy: 0.724051 F1 Score: 0.360590
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659181 Accuracy: 0.724444 F1 Score: 0.361305
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658769 Accuracy: 0.724558 F1 Score: 0.361050
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657946 Accuracy: 0.725220 F1 Score: 0.361070
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657746 Accuracy: 0.725329 F1 Score: 0.360817
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658686 Accuracy: 0.725164 F1 Score: 0.361250
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658361 Accuracy: 0.725272 F1 Score: 0.360992
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658162 Accuracy: 0.725379 F1 Score: 0.361546
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658244 Accuracy: 0.725485 F1 Score: 0.361296
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658366 Accuracy: 0.725322 F1 Score: 0.360913
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657644 Accuracy: 0.725694 F1 Score: 0.361592
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657209 Accuracy: 0.725798 F1 Score: 0.362137
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656173 Accuracy: 0.726430 F1 Score: 0.362141
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655937 Accuracy: 0.726530 F1 Score: 0.361885
```

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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655538 Accuracy: 0.726628 F1 Score: 0.361632
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654587 Accuracy: 0.726987 F1 Score: 0.362725
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653325 Accuracy: 0.727604 F1 Score: 0.362730
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653039 Accuracy: 0.727438 F1 Score: 0.362352
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652242 Accuracy: 0.727789 F1 Score: 0.362231
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652392 Accuracy: 0.727881 F1 Score: 0.362757
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651876 Accuracy: 0.727971 F1 Score: 0.362513
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650971 Accuracy: 0.728316 F1 Score: 0.363149
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649968 Accuracy: 0.728913 F1 Score: 0.363905
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650459 Accuracy: 0.728745 F1 Score: 0.364280
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650516 Accuracy: 0.728579 F1 Score: 0.363914
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650679 Accuracy: 0.728163 F1 Score: 0.363408
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.649708 Accuracy: 0.728750 F1 Score: 0.364585
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650440 Accuracy: 0.728337 F1 Score: 0.364093
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650707 Accuracy: 0.728175 F1 Score: 0.363737
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651081 Accuracy: 0.727767 F1 Score: 0.363973
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650903 Accuracy: 0.727854 F1 Score: 0.363730
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651072 Accuracy: 0.727941 F1 Score: 0.363488
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651262 Accuracy: 0.727539 F1 Score: 0.363007
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651783 Accuracy: 0.727140 F1 Score: 0.362540
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651627 Accuracy: 0.727229 F1 Score: 0.362310
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650718 Accuracy: 0.727799 F1 Score: 0.362320
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650282 Accuracy: 0.728125 F1 Score: 0.362213
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650703 Accuracy: 0.727969 F1 Score: 0.363293
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650405 Accuracy: 0.728053 F1 Score: 0.363058
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.650855 Accuracy: 0.727899 F1 Score: 0.363411
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651302 Accuracy: 0.727983 F1 Score: 0.363872
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651643 Accuracy: 0.727594 F1 Score: 0.363422
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652184 Accuracy: 0.727209 F1 Score: 0.362958
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652132 Accuracy: 0.727060 F1 Score: 0.363293
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651669 Accuracy: 0.727379 F1 Score: 0.363192
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651762 Accuracy: 0.727463 F1 Score: 0.362972
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652410 Accuracy: 0.727083 F1 Score: 0.363213
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653732 Accuracy: 0.726245 F1 Score: 0.362532
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653897 Accuracy: 0.725873 F1 Score: 0.362073
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653394 Accuracy: 0.726190 F1 Score: 0.361978
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654064 Accuracy: 0.726049 F1 Score: 0.363648
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654058 Accuracy: 0.725909 F1 Score: 0.363317
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653673 Accuracy: 0.725996 F1 Score: 0.363081
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653474 Accuracy: 0.726309 F1 Score: 0.363638
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653641 Accuracy: 0.726169 F1 Score: 0.363298
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653467 Accuracy: 0.726254 F1 Score: 0.364146
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652961 Accuracy: 0.726562 F1 Score: 0.364039
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653527 Accuracy: 0.726423 F1 Score: 0.363724
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653025 Accuracy: 0.726729 F1 Score: 0.363629
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652757 Accuracy: 0.726811 F1 Score: 0.363421
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652503 Accuracy: 0.726673 F1 Score: 0.363100
```

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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.651326 Accuracy: 0.727193 F1 Score: 0.363098
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652170 Accuracy: 0.726617 F1 Score: 0.363179
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652665 Accuracy: 0.726045 F1 Score: 0.362649
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653235 Accuracy: 0.725911 F1 Score: 0.362985
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653177 Accuracy: 0.726211 F1 Score: 0.362895
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653353 Accuracy: 0.725862 F1 Score: 0.363106
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653247 Accuracy: 0.725945 F1 Score: 0.362919
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653109 Accuracy: 0.726027 F1 Score: 0.362720
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653048 Accuracy: 0.725896 F1 Score: 0.363415
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653671 Accuracy: 0.724915 F1 Score: 0.362667
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655211 Accuracy: 0.724153 F1 Score: 0.362057
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655738 Accuracy: 0.723818 F1 Score: 0.362640
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655803 Accuracy: 0.723695 F1 Score: 0.362329
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655439 Accuracy: 0.723993 F1 Score: 0.362831
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654684 Accuracy: 0.724498 F1 Score: 0.364417
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653971 Accuracy: 0.724792 F1 Score: 0.364319
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653972 Accuracy: 0.724668 F1 Score: 0.365215
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653451 Accuracy: 0.725166 F1 Score: 0.365224
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654035 Accuracy: 0.724835 F1 Score: 0.364822
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654233 Accuracy: 0.724918 F1 Score: 0.365215
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654235 Accuracy: 0.725000 F1 Score: 0.365020
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654584 Accuracy: 0.724877 F1 Score: 0.364700
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654313 Accuracy: 0.724959 F1 Score: 0.364508
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654384 Accuracy: 0.725041 F1 Score: 0.364326
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.652990 Accuracy: 0.725930 F1 Score: 0.364536
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653263 Accuracy: 0.725806 F1 Score: 0.364819
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653582 Accuracy: 0.725683 F1 Score: 0.365098
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.653284 Accuracy: 0.725962 F1 Score: 0.365001
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654142 Accuracy: 0.725639 F1 Score: 0.364592
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654512 Accuracy: 0.725318 F1 Score: 0.364187
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656215 Accuracy: 0.724603 F1 Score: 0.363609
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657129 Accuracy: 0.724288 F1 Score: 0.364183
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657794 Accuracy: 0.723580 F1 Score: 0.363609
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657321 Accuracy: 0.723860 F1 Score: 0.364081
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657534 Accuracy: 0.723746 F1 Score: 0.363828
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657177 Accuracy: 0.724023 F1 Score: 0.363748
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657602 Accuracy: 0.723715 F1 Score: 0.363376
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657936 Accuracy: 0.723214 F1 Score: 0.362884
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658724 Accuracy: 0.722910 F1 Score: 0.362550
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658658 Accuracy: 0.722994 F1 Score: 0.362363
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659232 Accuracy: 0.722692 F1 Score: 0.362001
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658937 Accuracy: 0.722968 F1 Score: 0.361927
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659137 Accuracy: 0.722859 F1 Score: 0.361655
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659185 Accuracy: 0.722942 F1 Score: 0.362046
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658769 Accuracy: 0.723024 F1 Score: 0.361862
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657763 Accuracy: 0.723674 F1 Score: 0.361962
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657310 Accuracy: 0.723754 F1 Score: 0.361768
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657310 Accuracy: 0.723734 F1 Score: 0.361768
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657063 Accuracy: 0.724021 F1 Score: 0.361695
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656870 Accuracy: 0.724099 F1 Score: 0.361525
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656546 Accuracy: 0.724364 F1 Score: 0.361430
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656848 Accuracy: 0.724067 F1 Score: 0.361058
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656593 Accuracy: 0.724144 F1 Score: 0.360891
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657012 Accuracy: 0.723850 F1 Score: 0.360534
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657327 Accuracy: 0.723743 F1 Score: 0.360296
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657892 Accuracy: 0.723636 F1 Score: 0.360059
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657798 Accuracy: 0.723529 F1 Score: 0.359802
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657050 Accuracy: 0.723974 F1 Score: 0.359805
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656777 Accuracy: 0.724050 F1 Score: 0.360155
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656827 Accuracy: 0.724125 F1 Score: 0.360523
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656730 Accuracy: 0.724019 F1 Score: 0.360279
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657021 Accuracy: 0.723913 F1 Score: 0.360881
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656507 Accuracy: 0.724350 F1 Score: 0.361409
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656765 Accuracy: 0.724244 F1 Score: 0.361164
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656621 Accuracy: 0.724318 F1 Score: 0.361836
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656212 Accuracy: 0.724749 F1 Score: 0.361848
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656707 Accuracy: 0.724464 F1 Score: 0.361521
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657260 Accuracy: 0.723825 F1 Score: 0.361003
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657626 Accuracy: 0.723544 F1 Score: 0.360671
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658291 Accuracy: 0.723088 F1 Score: 0.360261
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658786 Accuracy: 0.722811 F1 Score: 0.360439
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659012 Accuracy: 0.722535 F1 Score: 0.360092
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658421 Accuracy: 0.722788 F1 Score: 0.360527
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658299 Accuracy: 0.723039 F1 Score: 0.360461
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658576 Accuracy: 0.723115 F1 Score: 0.360824
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658334 Accuracy: 0.723189 F1 Score: 0.360669
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657900 Accuracy: 0.723611 F1 Score: 0.360694
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657677 Accuracy: 0.723684 F1 Score: 0.360528
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657054 Accuracy: 0.723930 F1 Score: 0.360441
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657629 Accuracy: 0.723485 F1 Score: 0.360044
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658102 Accuracy: 0.723214 F1 Score: 0.360531
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658245 Accuracy: 0.723116 F1 Score: 0.361869
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657656 Accuracy: 0.723361 F1 Score: 0.361793
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657022 Accuracy: 0.723604 F1 Score: 0.362493
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656148 Accuracy: 0.724185 F1 Score: 0.363081
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655522 Accuracy: 0.724593 F1 Score: 0.363098
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655993 Accuracy: 0.724155 F1 Score: 0.362688
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656484 Accuracy: 0.723720 F1 Score: 0.362280
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656110 Accuracy: 0.724126 F1 Score: 0.362792
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656870 Accuracy: 0.723693 F1 Score: 0.362395
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657551 Accuracy: 0.723429 F1 Score: 0.362079
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658652 Accuracy: 0.722667 F1 Score: 0.361524
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658170 Accuracy: 0.722739 F1 Score: 0.362596
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657728 Accuracy: 0.722812 F1 Score: 0.362436
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657832 Accuracy: 0.722884 F1 Score: 0.362760
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657317 Accuracy: 0.723120 F1 Score: 0.362686
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657529 Accuracy: 0.723191 F1 Score: 0.364014
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657832 Accuracy: 0.723097 F1 Score: 0.363775
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657945 Accuracy: 0.722840 F1 Score: 0.363461
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658020 Accuracy: 0.722748 F1 Score: 0.363226
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657563 Accuracy: 0.722982 F1 Score: 0.363621
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657217 Accuracy: 0.723214 F1 Score: 0.364279
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656512 Accuracy: 0.723769 F1 Score: 0.364365
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656669 Accuracy: 0.723353 F1 Score: 0.363974
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656327 Accuracy: 0.723582 F1 Score: 0.363895
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656353 Accuracy: 0.723811 F1 Score: 0.363826
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656657 Accuracy: 0.723718 F1 Score: 0.363593
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656844 Accuracy: 0.723465 F1 Score: 0.363291
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656700 Accuracy: 0.723533 F1 Score: 0.363154
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657062 Accuracy: 0.723441 F1 Score: 0.362924
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656559 Accuracy: 0.723826 F1 Score: 0.363395
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656258 Accuracy: 0.723892 F1 Score: 0.364419
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656650 Accuracy: 0.723643 F1 Score: 0.364118
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656869 Accuracy: 0.723237 F1 Score: 0.363728
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656251 Accuracy: 0.723461 F1 Score: 0.364355
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655745 Accuracy: 0.723684 F1 Score: 0.364283
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655748 Accuracy: 0.723750 F1 Score: 0.364135
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656869 Accuracy: 0.723036 F1 Score: 0.363603
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657344 Accuracy: 0.722637 F1 Score: 0.363225
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656807 Accuracy: 0.723015 F1 Score: 0.363229
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657347 Accuracy: 0.722618 F1 Score: 0.362863
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657006 Accuracy: 0.722840 F1 Score: 0.362799
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657091 Accuracy: 0.722752 F1 Score: 0.362578
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656962 Accuracy: 0.723127 F1 Score: 0.363274
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657221 Accuracy: 0.722886 F1 Score: 0.362975
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657978 Accuracy: 0.722647 F1 Score: 0.362687
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658116 Accuracy: 0.722409 F1 Score: 0.362400
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657850 Accuracy: 0.722324 F1 Score: 0.362179
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658136 Accuracy: 0.722239 F1 Score: 0.362637
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657870 Accuracy: 0.722458 F1 Score: 0.362566
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657987 Accuracy: 0.722524 F1 Score: 0.362423
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658019 Accuracy: 0.722289 F1 Score: 0.362133
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657981 Accuracy: 0.722206 F1 Score: 0.361919
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657891 Accuracy: 0.722272 F1 Score: 0.361782
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658391 Accuracy: 0.722039 F1 Score: 0.361945
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658161 Accuracy: 0.722255 F1 Score: 0.361884
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657906 Accuracy: 0.722321 F1 Score: 0.362185
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657675 Accuracy: 0.722387 F1 Score: 0.362045
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658117 Accuracy: 0.722156 F1 Score: 0.361756
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658215 Accuracy: 0.722222 F1 Score: 0.362280
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658370 Accuracy: 0.722140 F1 Score: 0.362074
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659209 Accuracy: 0.721618 F1 Score: 0.362299
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659325 Accuracy: 0.721538 F1 Score: 0.362088
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659344 Accuracy: 0.721458 F1 Score: 0.361880
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659305 Accuracy: 0.721379 F1 Score: 0.361676
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659317 Accuracy: 0.721445 F1 Score: 0.361543
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659530 Accuracy: 0.721366 F1 Score: 0.361336
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659057 Accuracy: 0.721578 F1 Score: 0.361276
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659063 Accuracy: 0.721499 F1 Score: 0.361071
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658548 Accuracy: 0.721853 F1 Score: 0.361081
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659351 Accuracy: 0.721198 F1 Score: 0.360593
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659182 Accuracy: 0.721264 F1 Score: 0.360466
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658879 Accuracy: 0.721617 F1 Score: 0.361749
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658935 Accuracy: 0.721539 F1 Score: 0.361546
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659282 Accuracy: 0.721318 F1 Score: 0.361277
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658660 Accuracy: 0.721669 F1 Score: 0.361287
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658414 Accuracy: 0.721875 F1 Score: 0.361651
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659049 Accuracy: 0.721514 F1 Score: 0.361315
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659174 Accuracy: 0.721578 F1 Score: 0.361187
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658932 Accuracy: 0.721783 F1 Score: 0.361127
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659255 Accuracy: 0.721565 F1 Score: 0.361281
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659207 Accuracy: 0.721629 F1 Score: 0.361774
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658868 Accuracy: 0.721833 F1 Score: 0.361712
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658559 Accuracy: 0.722036 F1 Score: 0.361653
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658437 Accuracy: 0.722098 F1 Score: 0.362358
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658029 Accuracy: 0.722439 F1 Score: 0.362782
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658004 Accuracy: 0.722500 F1 Score: 0.362653
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658162 Accuracy: 0.722007 F1 Score: 0.362248
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658890 Accuracy: 0.721515 F1 Score: 0.361847
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658984 Accuracy: 0.721716 F1 Score: 0.361789
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658868 Accuracy: 0.721779 F1 Score: 0.361663
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659182 Accuracy: 0.721703 F1 Score: 0.361471
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658674 Accuracy: 0.721902 F1 Score: 0.361410
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659133 Accuracy: 0.721690 F1 Score: 0.361559
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659519 Accuracy: 0.721479 F1 Score: 0.361704
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659744 Accuracy: 0.721405 F1 Score: 0.361509
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660080 Accuracy: 0.721060 F1 Score: 0.361185
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660327 Accuracy: 0.720987 F1 Score: 0.360997
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660660 Accuracy: 0.720779 F1 Score: 0.361738
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660782 Accuracy: 0.720707 F1 Score: 0.361947
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660422 Accuracy: 0.720905 F1 Score: 0.362286
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659979 Accuracy: 0.721237 F1 Score: 0.362296
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659931 Accuracy: 0.721164 F1 Score: 0.362105
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660223 Accuracy: 0.721226 F1 Score: 0.361986
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.660227 Accuracy: 0.721421 F1 Score: 0.362521
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659749 Accuracy: 0.721748 F1 Score: 0.362528
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659698 Accuracy: 0.721809 F1 Score: 0.362799
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659222 Accuracy: 0.722001 F1 Score: 0.362741
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659149 Accuracy: 0.721928 F1 Score: 0.362549
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659371 Accuracy: 0.721723 F1 Score: 0.362297
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659528 Accuracy: 0.721651 F1 Score: 0.362114
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659196 Accuracy: 0.721579 F1 Score: 0.361930
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659236 Accuracy: 0.721507 F1 Score: 0.362131
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658745 Accuracy: 0.721829 F1 Score: 0.362139
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658464 Accuracy: 0.721888 F1 Score: 0.362019
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658523 Accuracy: 0.721947 F1 Score: 0.361900
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658450 Accuracy: 0.721875 F1 Score: 0.361713
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658000 Accuracy: 0.722063 F1 Score: 0.362235
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657977 Accuracy: 0.722121 F1 Score: 0.362116
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657771 Accuracy: 0.722438 F1 Score: 0.362512
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657915 Accuracy: 0.722366 F1 Score: 0.362325
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658340 Accuracy: 0.722165 F1 Score: 0.362082
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658503 Accuracy: 0.721836 F1 Score: 0.362155
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657806 Accuracy: 0.722151 F1 Score: 0.362163
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657500 Accuracy: 0.722336 F1 Score: 0.362488
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656685 Accuracy: 0.722904 F1 Score: 0.362622
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657233 Accuracy: 0.722704 F1 Score: 0.362381
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657564 Accuracy: 0.722378 F1 Score: 0.362068
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657089 Accuracy: 0.722688 F1 Score: 0.362076
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657019 Accuracy: 0.722743 F1 Score: 0.362337
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656893 Accuracy: 0.722799 F1 Score: 0.362217
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657055 Accuracy: 0.722727 F1 Score: 0.362043
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656964 Accuracy: 0.722782 F1 Score: 0.361921
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656330 Accuracy: 0.723214 F1 Score: 0.361989
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656236 Accuracy: 0.723268 F1 Score: 0.361873
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656608 Accuracy: 0.723196 F1 Score: 0.361698
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656098 Accuracy: 0.723625 F1 Score: 0.361768
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656180 Accuracy: 0.723678 F1 Score: 0.361653
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655806 Accuracy: 0.723855 F1 Score: 0.361968
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656278 Accuracy: 0.723410 F1 Score: 0.361612
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656136 Accuracy: 0.723586 F1 Score: 0.362298
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656725 Accuracy: 0.723267 F1 Score: 0.361992
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656789 Accuracy: 0.723197 F1 Score: 0.362544
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656497 Accuracy: 0.723373 F1 Score: 0.362853
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656985 Accuracy: 0.723056 F1 Score: 0.362559
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656900 Accuracy: 0.723232 F1 Score: 0.363059
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656590 Accuracy: 0.723407 F1 Score: 0.364278
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657260 Accuracy: 0.723214 F1 Score: 0.364589
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657407 Accuracy: 0.723267 F1 Score: 0.364473
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657783 Accuracy: 0.723075 F1 Score: 0.364776
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657733 Accuracy: 0.723249 F1 Score: 0.364723
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657952 Accuracy: 0.723301 F1 Score: 0.364607
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658009 Accuracy: 0.723353 F1 Score: 0.364850
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657793 Accuracy: 0.723283 F1 Score: 0.365023
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657092 Accuracy: 0.723697 F1 Score: 0.365087
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656735 Accuracy: 0.723868 F1 Score: 0.365030
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656828 Accuracy: 0.723918 F1 Score: 0.364919
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656350 Accuracy: 0.724208 F1 Score: 0.364924
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656674 Accuracy: 0.724138 F1 Score: 0.365458
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656739 Accuracy: 0.724068 F1 Score: 0.365637
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656370 Accuracy: 0.724237 F1 Score: 0.365576
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656481 Accuracy: 0.724286 F1 Score: 0.365991
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656771 Accuracy: 0.724216 F1 Score: 0.365819
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657139 Accuracy: 0.724146 F1 Score: 0.365650
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656748 Accuracy: 0.724432 F1 Score: 0.365655
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657046 Accuracy: 0.724126 F1 Score: 0.365362
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656669 Accuracy: 0.724528 F1 Score: 0.365427
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656211 Accuracy: 0.724812 F1 Score: 0.365780
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655869 Accuracy: 0.724977 F1 Score: 0.365723
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655969 Accuracy: 0.725023 F1 Score: 0.365953
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655734 Accuracy: 0.725187 F1 Score: 0.366241
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655923 Accuracy: 0.725117 F1 Score: 0.366067
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655939 Accuracy: 0.725047 F1 Score: 0.365893
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656088 Accuracy: 0.724977 F1 Score: 0.366409
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655959 Accuracy: 0.725139 F1 Score: 0.366693
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655936 Accuracy: 0.725186 F1 Score: 0.366915
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656115 Accuracy: 0.725231 F1 Score: 0.367151
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656310 Accuracy: 0.725046 F1 Score: 0.367253
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656387 Accuracy: 0.725092 F1 Score: 0.367471
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656044 Accuracy: 0.725368 F1 Score: 0.367480
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655940 Accuracy: 0.725528 F1 Score: 0.367422
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655651 Accuracy: 0.725803 F1 Score: 0.368094
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656159 Accuracy: 0.725275 F1 Score: 0.367677
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656210 Accuracy: 0.725320 F1 Score: 0.367565
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656248 Accuracy: 0.725365 F1 Score: 0.367772
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655929 Accuracy: 0.725638 F1 Score: 0.367769
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656097 Accuracy: 0.725455 F1 Score: 0.367861
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655813 Accuracy: 0.725613 F1 Score: 0.367798
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656430 Accuracy: 0.725204 F1 Score: 0.367442
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656392 Accuracy: 0.725136 F1 Score: 0.367592
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656621 Accuracy: 0.724955 F1 Score: 0.367373
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656674 Accuracy: 0.725000 F1 Score: 0.367263
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657082 Accuracy: 0.724595 F1 Score: 0.366922
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656731 Accuracy: 0.724641 F1 Score: 0.366802
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656807 Accuracy: 0.724574 F1 Score: 0.366640
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656836 Accuracy: 0.724508 F1 Score: 0.366468
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656778 Accuracy: 0.724554 F1 Score: 0.366355
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656928 Accuracy: 0.724488 F1 Score: 0.366189
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656960 Accuracy: 0.724422 F1 Score: 0.366024
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656885 Accuracy: 0.724356 F1 Score: 0.365850
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656877 Accuracy: 0.724180 F1 Score: 0.365628
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656872 Accuracy: 0.724115 F1 Score: 0.365464
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656753 Accuracy: 0.724161 F1 Score: 0.365354
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656565 Accuracy: 0.724317 F1 Score: 0.365302
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656492 Accuracy: 0.724252 F1 Score: 0.365140
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656810 Accuracy: 0.723967 F1 Score: 0.364874
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657096 Accuracy: 0.723794 F1 Score: 0.365155
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657153 Accuracy: 0.723621 F1 Score: 0.364937
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657307 Accuracy: 0.723558 F1 Score: 0.364781
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657512 Accuracy: 0.723495 F1 Score: 0.364614
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657272 Accuracy: 0.723650 F1 Score: 0.364567
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656966 Accuracy: 0.723913 F1 Score: 0.364572
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656991 Accuracy: 0.723850 F1 Score: 0.364418
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657084 Accuracy: 0.723570 F1 Score: 0.364462
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656980 Accuracy: 0.723616 F1 Score: 0.364365
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657554 Accuracy: 0.723338 F1 Score: 0.364109
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657506 Accuracy: 0.723168 F1 Score: 0.363889
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657744 Accuracy: 0.723107 F1 Score: 0.363746
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657762 Accuracy: 0.723046 F1 Score: 0.363586
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657726 Accuracy: 0.723092 F1 Score: 0.363487
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658014 Accuracy: 0.722817 F1 Score: 0.363227
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658642 Accuracy: 0.722543 F1 Score: 0.362968
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658563 Accuracy: 0.722483 F1 Score: 0.363298
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658106 Accuracy: 0.722743 F1 Score: 0.363305
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658438 Accuracy: 0.722470 F1 Score: 0.363043
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658246 Accuracy: 0.722623 F1 Score: 0.362996
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658784 Accuracy: 0.722246 F1 Score: 0.362685
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658616 Accuracy: 0.722398 F1 Score: 0.362642
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658984 Accuracy: 0.722128 F1 Score: 0.362695
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659206 Accuracy: 0.722070 F1 Score: 0.362540
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659134 Accuracy: 0.722117 F1 Score: 0.362440
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659411 Accuracy: 0.721849 F1 Score: 0.362180
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659293 Accuracy: 0.721896 F1 Score: 0.362080
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659093 Accuracy: 0.721943 F1 Score: 0.361981
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659003 Accuracy: 0.721781 F1 Score: 0.361773
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658898 Accuracy: 0.721828 F1 Score: 0.361679
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659174 Accuracy: 0.721667 F1 Score: 0.361483
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658735 Accuracy: 0.721922 F1 Score: 0.361792
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658606 Accuracy: 0.722072 F1 Score: 0.361747
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658704 Accuracy: 0.722015 F1 Score: 0.361600
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658454 Accuracy: 0.722165 F1 Score: 0.361559
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657949 Accuracy: 0.722417 F1 Score: 0.361567
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657668 Accuracy: 0.722463 F1 Score: 0.361469
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657667 Accuracy: 0.722405 F1 Score: 0.361795
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657204 Accuracy: 0.722656 F1 Score: 0.361799
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656896 Accuracy: 0.722804 F1 Score: 0.362225
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656908 Accuracy: 0.722848 F1 Score: 0.362128
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656590 Accuracy: 0.722995 F1 Score: 0.362083
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656178 Accuracy: 0.723141 F1 Score: 0.362333
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656178 Accuracy: 0.723141 F1 Score: 0.362333
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656119 Accuracy: 0.723185 F1 Score: 0.362239
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655726 Accuracy: 0.723432 F1 Score: 0.362243
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655469 Accuracy: 0.723679 F1 Score: 0.362549
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655748 Accuracy: 0.723417 F1 Score: 0.362303
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656105 Accuracy: 0.723156 F1 Score: 0.362059
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656192 Accuracy: 0.723099 F1 Score: 0.362214
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655828 Accuracy: 0.723243 F1 Score: 0.362169
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655484 Accuracy: 0.723488 F1 Score: 0.362175
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655443 Accuracy: 0.723430 F1 Score: 0.362325
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655600 Accuracy: 0.723272 F1 Score: 0.362591
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655716 Accuracy: 0.723214 F1 Score: 0.362447
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656111 Accuracy: 0.722857 F1 Score: 0.362155
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655719 Accuracy: 0.723100 F1 Score: 0.362453
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656234 Accuracy: 0.722544 F1 Score: 0.362058
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656065 Accuracy: 0.722687 F1 Score: 0.362300
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656468 Accuracy: 0.722432 F1 Score: 0.362061
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656402 Accuracy: 0.722476 F1 Score: 0.361970
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656246 Accuracy: 0.722520 F1 Score: 0.361879
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656033 Accuracy: 0.722662 F1 Score: 0.361839
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655873 Accuracy: 0.722706 F1 Score: 0.362039
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656405 Accuracy: 0.722453 F1 Score: 0.361799
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656163 Accuracy: 0.722595 F1 Score: 0.361759
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656151 Accuracy: 0.722638 F1 Score: 0.361673
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656075 Accuracy: 0.722681 F1 Score: 0.361587
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656183 Accuracy: 0.722724 F1 Score: 0.361501
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656555 Accuracy: 0.722375 F1 Score: 0.361218
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657276 Accuracy: 0.722027 F1 Score: 0.360946
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657550 Accuracy: 0.721875 F1 Score: 0.360760
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657382 Accuracy: 0.722016 F1 Score: 0.360999
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657188 Accuracy: 0.722060 F1 Score: 0.360908
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656938 Accuracy: 0.722298 F1 Score: 0.361643
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656795 Accuracy: 0.722341 F1 Score: 0.362111
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656777 Accuracy: 0.722384 F1 Score: 0.362023
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656560 Accuracy: 0.722523 F1 Score: 0.361980
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656456 Accuracy: 0.722566 F1 Score: 0.362169
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656356 Accuracy: 0.722608 F1 Score: 0.362081
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656413 Accuracy: 0.722458 F1 Score: 0.361895
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656273 Accuracy: 0.722500 F1 Score: 0.361804
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656151 Accuracy: 0.722542 F1 Score: 0.361999
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655957 Accuracy: 0.722680 F1 Score: 0.361960
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655958 Accuracy: 0.722626 F1 Score: 0.362098
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655821 Accuracy: 0.722573 F1 Score: 0.361958
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655949 Accuracy: 0.722519 F1 Score: 0.361823
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655882 Accuracy: 0.722561 F1 Score: 0.361736
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655420 Accuracy: 0.722888 F1 Score: 0.362063
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655635 Accuracy: 0.722644 F1 Score: 0.361835
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655620 Accuracy: 0.722781 F1 Score: 0.362227
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655684 Accuracy: 0.722633 F1 Score: 0.362044
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655350 Accuracy: 0.722863 F1 Score: 0.362050
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655494 Accuracy: 0.722810 F1 Score: 0.361916
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655335 Accuracy: 0.722851 F1 Score: 0.361830
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655328 Accuracy: 0.722797 F1 Score: 0.362126
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655359 Accuracy: 0.722838 F1 Score: 0.362043
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655243 Accuracy: 0.722879 F1 Score: 0.361958
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655232 Accuracy: 0.722920 F1 Score: 0.362144
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655166 Accuracy: 0.722960 F1 Score: 0.362055
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655421 Accuracy: 0.722720 F1 Score: 0.361828
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655750 Accuracy: 0.722575 F1 Score: 0.361918
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655986 Accuracy: 0.722429 F1 Score: 0.362008
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655768 Accuracy: 0.722470 F1 Score: 0.362351
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655495 Accuracy: 0.722604 F1 Score: 0.362307
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655131 Accuracy: 0.722830 F1 Score: 0.362313
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.654956 Accuracy: 0.722870 F1 Score: 0.362231
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655517 Accuracy: 0.722541 F1 Score: 0.361962
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655693 Accuracy: 0.722581 F1 Score: 0.361881
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.655822 Accuracy: 0.722437 F1 Score: 0.361704
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656341 Accuracy: 0.722110 F1 Score: 0.361447
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656459 Accuracy: 0.722059 F1 Score: 0.361314
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656795 Accuracy: 0.722008 F1 Score: 0.361871
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656740 Accuracy: 0.722141 F1 Score: 0.361831
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656953 Accuracy: 0.721999 F1 Score: 0.361656
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657025 Accuracy: 0.721857 F1 Score: 0.361899
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656897 Accuracy: 0.721989 F1 Score: 0.361857
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657263 Accuracy: 0.721848 F1 Score: 0.361687
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657489 Accuracy: 0.721707 F1 Score: 0.361521
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657331 Accuracy: 0.721839 F1 Score: 0.361487
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657089 Accuracy: 0.722061 F1 Score: 0.361491
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657486 Accuracy: 0.721920 F1 Score: 0.361584
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657277 Accuracy: 0.721961 F1 Score: 0.361761
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657304 Accuracy: 0.722001 F1 Score: 0.361682
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657013 Accuracy: 0.722222 F1 Score: 0.361954
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656843 Accuracy: 0.722172 F1 Score: 0.361829
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656511 Accuracy: 0.722212 F1 Score: 0.361741
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656674 Accuracy: 0.722162 F1 Score: 0.361614
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656782 Accuracy: 0.722113 F1 Score: 0.361748
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656919 Accuracy: 0.721973 F1 Score: 0.361579
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656949 Accuracy: 0.721924 F1 Score: 0.361456
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656540 Accuracy: 0.722232 F1 Score: 0.361505
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656645 Accuracy: 0.722183 F1 Score: 0.361382
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657167 Accuracy: 0.721688 F1 Score: 0.361025
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657271 Accuracy: 0.721639 F1 Score: 0.360901
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657027 Accuracy: 0.721768 F1 Score: 0.361374
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656777 Accuracy: 0.721986 F1 Score: 0.361381
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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656985 Accuracy: 0.721848 F1 Score: 0.361211
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656832 Accuracy: 0.721977 F1 Score: 0.361173
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657184 Accuracy: 0.721663 F1 Score: 0.360919
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656942 Accuracy: 0.721791 F1 Score: 0.360884
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656913 Accuracy: 0.721743 F1 Score: 0.360758
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657235 Accuracy: 0.721519 F1 Score: 0.360550
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657179 Accuracy: 0.721559 F1 Score: 0.360472
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657250 Accuracy: 0.721424 F1 Score: 0.360708
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657378 Accuracy: 0.721464 F1 Score: 0.360886
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657347 Accuracy: 0.721416 F1 Score: 0.360764
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657507 Accuracy: 0.721281 F1 Score: 0.360593
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657954 Accuracy: 0.720886 F1 Score: 0.360557
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657813 Accuracy: 0.720839 F1 Score: 0.360837
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657810 Accuracy: 0.720793 F1 Score: 0.361115
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657876 Accuracy: 0.720747 F1 Score: 0.360997
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658092 Accuracy: 0.720700 F1 Score: 0.360878
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658322 Accuracy: 0.720654 F1 Score: 0.361011
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658503 Accuracy: 0.720609 F1 Score: 0.360893
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658978 Accuracy: 0.720390 F1 Score: 0.360694
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659090 Accuracy: 0.720345 F1 Score: 0.360571
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659368 Accuracy: 0.720213 F1 Score: 0.360411
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659236 Accuracy: 0.720340 F1 Score: 0.360379
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658965 Accuracy: 0.720381 F1 Score: 0.360303
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659170 Accuracy: 0.720165 F1 Score: 0.360095
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658850 Accuracy: 0.720377 F1 Score: 0.360348
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659072 Accuracy: 0.720332 F1 Score: 0.360868
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658609 Accuracy: 0.720628 F1 Score: 0.360919
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658894 Accuracy: 0.720242 F1 Score: 0.360626
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658525 Accuracy: 0.720453 F1 Score: 0.360633
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658687 Accuracy: 0.720408 F1 Score: 0.360517
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658698 Accuracy: 0.720448 F1 Score: 0.360831
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658217 Accuracy: 0.720743 F1 Score: 0.360878
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658595 Accuracy: 0.720444 F1 Score: 0.360637
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658646 Accuracy: 0.720484 F1 Score: 0.361049
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658720 Accuracy: 0.720439 F1 Score: 0.360934
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658809 Accuracy: 0.720395 F1 Score: 0.361058
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659035 Accuracy: 0.720350 F1 Score: 0.360940
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659470 Accuracy: 0.720138 F1 Score: 0.360749
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659185 Accuracy: 0.720430 F1 Score: 0.360799
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659373 Accuracy: 0.720302 F1 Score: 0.360637
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659206 Accuracy: 0.720258 F1 Score: 0.360518
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659007 Accuracy: 0.720214 F1 Score: 0.360396
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658861 Accuracy: 0.720338 F1 Score: 0.360364
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658873 Accuracy: 0.720294 F1 Score: 0.360249
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658931 Accuracy: 0.720333 F1 Score: 0.360178
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658613 Accuracy: 0.720539 F1 Score: 0.360188
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658358 Accuracy: 0.720662 F1 Score: 0.360151
```

```
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658273 Accuracy: 0.720701 F1 Score: 0.360077
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658592 Accuracy: 0.720656 F1 Score: 0.359968
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658617 Accuracy: 0.720530 F1 Score: 0.359815
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658416 Accuracy: 0.720651 F1 Score: 0.360155
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658440 Accuracy: 0.720608 F1 Score: 0.360035
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658161 Accuracy: 0.720811 F1 Score: 0.360658
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658204 Accuracy: 0.720685 F1 Score: 0.360499
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657956 Accuracy: 0.720806 F1 Score: 0.360465
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657668 Accuracy: 0.720926 F1 Score: 0.360431
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657627 Accuracy: 0.720965 F1 Score: 0.360358
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657912 Accuracy: 0.720839 F1 Score: 0.360205
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657993 Accuracy: 0.720795 F1 Score: 0.360092
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657958 Accuracy: 0.720752 F1 Score: 0.359979
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657636 Accuracy: 0.720871 F1 Score: 0.360183
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658189 Accuracy: 0.720583 F1 Score: 0.359955
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658146 Accuracy: 0.720459 F1 Score: 0.359799
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657757 Accuracy: 0.720741 F1 Score: 0.359847
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658307 Accuracy: 0.720455 F1 Score: 0.359616
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658407 Accuracy: 0.720331 F1 Score: 0.359464
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658479 Accuracy: 0.720207 F1 Score: 0.359312
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658217 Accuracy: 0.720408 F1 Score: 0.359555
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658137 Accuracy: 0.720365 F1 Score: 0.359444
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658780 Accuracy: 0.720081 F1 Score: 0.359217
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658635 Accuracy: 0.720119 F1 Score: 0.359376
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658640 Accuracy: 0.720158 F1 Score: 0.359537
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658509 Accuracy: 0.720196 F1 Score: 0.359464
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658593 Accuracy: 0.720154 F1 Score: 0.359354
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658537 Accuracy: 0.720192 F1 Score: 0.359279
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658713 Accuracy: 0.720070 F1 Score: 0.359130
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658705 Accuracy: 0.720109 F1 Score: 0.359060
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658511 Accuracy: 0.720227 F1 Score: 0.359026
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658135 Accuracy: 0.720424 F1 Score: 0.359033
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658263 Accuracy: 0.720382 F1 Score: 0.358929
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658075 Accuracy: 0.720499 F1 Score: 0.358894
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657666 Accuracy: 0.720775 F1 Score: 0.358939
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657830 Accuracy: 0.720574 F1 Score: 0.358747
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657754 Accuracy: 0.720532 F1 Score: 0.358637
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657562 Accuracy: 0.720649 F1 Score: 0.358605
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657032 Accuracy: 0.721002 F1 Score: 0.358688
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657014 Accuracy: 0.720960 F1 Score: 0.358581
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657437 Accuracy: 0.720681 F1 Score: 0.358588
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657440 Accuracy: 0.720560 F1 Score: 0.358441
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657377 Accuracy: 0.720597 F1 Score: 0.358734
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657704 Accuracy: 0.720242 F1 Score: 0.358704
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657754 Accuracy: 0.720122 F1 Score: 0.358556
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657651 Accuracy: 0.720238 F1 Score: 0.358523
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657694 Accuracy: 0.720197 F1 Score: 0.358417
```

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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657802 Accuracy: 0.720156 F1 Score: 0.358312
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657978 Accuracy: 0.720115 F1 Score: 0.358207
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657714 Accuracy: 0.720231 F1 Score: 0.358174
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657346 Accuracy: 0.720423 F1 Score: 0.358405
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657259 Accuracy: 0.720460 F1 Score: 0.358699
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657060 Accuracy: 0.720575 F1 Score: 0.358668
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657258 Accuracy: 0.720456 F1 Score: 0.358526
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658114 Accuracy: 0.719950 F1 Score: 0.358199
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657941 Accuracy: 0.720065 F1 Score: 0.358168
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658003 Accuracy: 0.719870 F1 Score: 0.357984
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658102 Accuracy: 0.719830 F1 Score: 0.357878
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657838 Accuracy: 0.720022 F1 Score: 0.357884
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657920 Accuracy: 0.719982 F1 Score: 0.357780
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657894 Accuracy: 0.719865 F1 Score: 0.357636
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658017 Accuracy: 0.719825 F1 Score: 0.357531
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658155 Accuracy: 0.719785 F1 Score: 0.357431
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658234 Accuracy: 0.719746 F1 Score: 0.357333
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658282 Accuracy: 0.719553 F1 Score: 0.357156
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658302 Accuracy: 0.719514 F1 Score: 0.357050
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658037 Accuracy: 0.719780 F1 Score: 0.357094
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658071 Accuracy: 0.719741 F1 Score: 0.357212
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658089 Accuracy: 0.719778 F1 Score: 0.357147
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658331 Accuracy: 0.719662 F1 Score: 0.357011
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658119 Accuracy: 0.719775 F1 Score: 0.356981
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658157 Accuracy: 0.719812 F1 Score: 0.357137
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658168 Accuracy: 0.719773 F1 Score: 0.357035
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658343 Accuracy: 0.719658 F1 Score: 0.356897
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658297 Accuracy: 0.719695 F1 Score: 0.356831
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658181 Accuracy: 0.719731 F1 Score: 0.356764
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658023 Accuracy: 0.719919 F1 Score: 0.356993
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658028 Accuracy: 0.719955 F1 Score: 0.356926
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657931 Accuracy: 0.719916 F1 Score: 0.356827
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657713 Accuracy: 0.720102 F1 Score: 0.356836
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657896 Accuracy: 0.719913 F1 Score: 0.356661
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658380 Accuracy: 0.719574 F1 Score: 0.356420
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658164 Accuracy: 0.719686 F1 Score: 0.356392
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658375 Accuracy: 0.719498 F1 Score: 0.356439
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658357 Accuracy: 0.719459 F1 Score: 0.357031
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658106 Accuracy: 0.719720 F1 Score: 0.357075
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658034 Accuracy: 0.719830 F1 Score: 0.357264
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657741 Accuracy: 0.719940 F1 Score: 0.357235
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658063 Accuracy: 0.719828 F1 Score: 0.357104
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658077 Accuracy: 0.719789 F1 Score: 0.357222
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657929 Accuracy: 0.719825 F1 Score: 0.357157
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657564 Accuracy: 0.720083 F1 Score: 0.357415
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657701 Accuracy: 0.720044 F1 Score: 0.357317
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657645 Accuracy: 0.720080 F1 Score: 0.357595
```

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Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657843 Accuracy: 0.720080 F1 Score: 0.357595
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657539 Accuracy: 0.720115 F1 Score: 0.357744
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657227 Accuracy: 0.720224 F1 Score: 0.357714
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657599 Accuracy: 0.720038 F1 Score: 0.357761
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657732 Accuracy: 0.719926 F1 Score: 0.357627
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657494 Accuracy: 0.720109 F1 Score: 0.357635
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657553 Accuracy: 0.719997 F1 Score: 0.357502
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657424 Accuracy: 0.720106 F1 Score: 0.357473
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657209 Accuracy: 0.720287 F1 Score: 0.357481
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657025 Accuracy: 0.720395 F1 Score: 0.357452
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657160 Accuracy: 0.720356 F1 Score: 0.357355
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657544 Accuracy: 0.720099 F1 Score: 0.357492
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657674 Accuracy: 0.720061 F1 Score: 0.357394
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657975 Accuracy: 0.719878 F1 Score: 0.357225
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658044 Accuracy: 0.719767 F1 Score: 0.357303
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658378 Accuracy: 0.719512 F1 Score: 0.357103
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658454 Accuracy: 0.719548 F1 Score: 0.357378
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658140 Accuracy: 0.719728 F1 Score: 0.357385
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658289 Accuracy: 0.719690 F1 Score: 0.357502
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658249 Accuracy: 0.719798 F1 Score: 0.357475
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658481 Accuracy: 0.719616 F1 Score: 0.357309
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658698 Accuracy: 0.719579 F1 Score: 0.357211
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658727 Accuracy: 0.719614 F1 Score: 0.357151
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658598 Accuracy: 0.719649 F1 Score: 0.357087
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658495 Accuracy: 0.719684 F1 Score: 0.357023
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658433 Accuracy: 0.719647 F1 Score: 0.356925
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658698 Accuracy: 0.719467 F1 Score: 0.356763
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658555 Accuracy: 0.719573 F1 Score: 0.356736
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658610 Accuracy: 0.719608 F1 Score: 0.356885
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658601 Accuracy: 0.719571 F1 Score: 0.356790
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658541 Accuracy: 0.719678 F1 Score: 0.356969
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658686 Accuracy: 0.719641 F1 Score: 0.356877
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658236 Accuracy: 0.719960 F1 Score: 0.356952
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658450 Accuracy: 0.719852 F1 Score: 0.356822
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658638 Accuracy: 0.719602 F1 Score: 0.356832
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658630 Accuracy: 0.719637 F1 Score: 0.356978
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658823 Accuracy: 0.719600 F1 Score: 0.357089
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659010 Accuracy: 0.719493 F1 Score: 0.357171
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658867 Accuracy: 0.719457 F1 Score: 0.357400
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658749 Accuracy: 0.719562 F1 Score: 0.357374
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658831 Accuracy: 0.719526 F1 Score: 0.357280
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659038 Accuracy: 0.719349 F1 Score: 0.357120
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659327 Accuracy: 0.719172 F1 Score: 0.357161
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659190 Accuracy: 0.719207 F1 Score: 0.357099
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659027 Accuracy: 0.719382 F1 Score: 0.357105
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658845 Accuracy: 0.719487 F1 Score: 0.357403
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658769 Accuracy: 0.719521 F1 Score: 0.357343
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658724 Accuracy: 0.719485 F1 Score: 0.357346
```
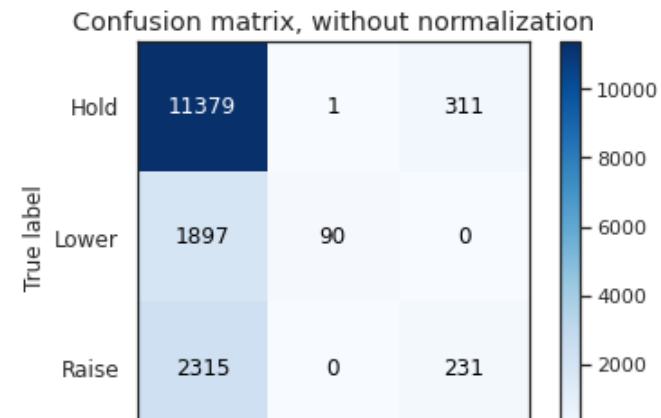
```
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658724 Accuracy: 0.719485 F1 Score: 0.357246
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658642 Accuracy: 0.719519 F1 Score: 0.357184
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658474 Accuracy: 0.719553 F1 Score: 0.357123
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658575 Accuracy: 0.719448 F1 Score: 0.356997
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658632 Accuracy: 0.719342 F1 Score: 0.356870
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658431 Accuracy: 0.719376 F1 Score: 0.357131
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658342 Accuracy: 0.719480 F1 Score: 0.357309
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658505 Accuracy: 0.719375 F1 Score: 0.357186
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658599 Accuracy: 0.719201 F1 Score: 0.357029
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658699 Accuracy: 0.719027 F1 Score: 0.356867
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658593 Accuracy: 0.718992 F1 Score: 0.356772
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658887 Accuracy: 0.718888 F1 Score: 0.356649
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658725 Accuracy: 0.718992 F1 Score: 0.356822
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658896 Accuracy: 0.718957 F1 Score: 0.356732
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658932 Accuracy: 0.718922 F1 Score: 0.356639
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658847 Accuracy: 0.719025 F1 Score: 0.356613
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658645 Accuracy: 0.719128 F1 Score: 0.356587
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658629 Accuracy: 0.719162 F1 Score: 0.356847
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658345 Accuracy: 0.719333 F1 Score: 0.356854
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658232 Accuracy: 0.719367 F1 Score: 0.356793
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658210 Accuracy: 0.719332 F1 Score: 0.356703
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658400 Accuracy: 0.719229 F1 Score: 0.356580
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658983 Accuracy: 0.718921 F1 Score: 0.356362
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658946 Accuracy: 0.718955 F1 Score: 0.356306
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659075 Accuracy: 0.718784 F1 Score: 0.356149
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.659120 Accuracy: 0.718750 F1 Score: 0.356061
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658809 Accuracy: 0.718920 F1 Score: 0.356067
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658846 Accuracy: 0.718954 F1 Score: 0.356009
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658688 Accuracy: 0.719055 F1 Score: 0.355984
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658828 Accuracy: 0.719021 F1 Score: 0.355897
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658672 Accuracy: 0.719122 F1 Score: 0.356266
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658792 Accuracy: 0.718953 F1 Score: 0.356111
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658953 Accuracy: 0.718919 F1 Score: 0.356025
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658683 Accuracy: 0.719155 F1 Score: 0.356064
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658756 Accuracy: 0.719188 F1 Score: 0.356007
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658476 Accuracy: 0.719423 F1 Score: 0.356046
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658390 Accuracy: 0.719591 F1 Score: 0.356562
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658523 Accuracy: 0.719556 F1 Score: 0.356865
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658354 Accuracy: 0.719589 F1 Score: 0.356807
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658358 Accuracy: 0.719555 F1 Score: 0.356911
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658421 Accuracy: 0.719453 F1 Score: 0.356792
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658217 Accuracy: 0.719553 F1 Score: 0.356767
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658273 Accuracy: 0.719586 F1 Score: 0.356712
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658107 Accuracy: 0.719685 F1 Score: 0.356685
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658174 Accuracy: 0.719717 F1 Score: 0.356822
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658228 Accuracy: 0.719749 F1 Score: 0.356768
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658157 Accuracy: 0.719848 F1 Score: 0.356936
```
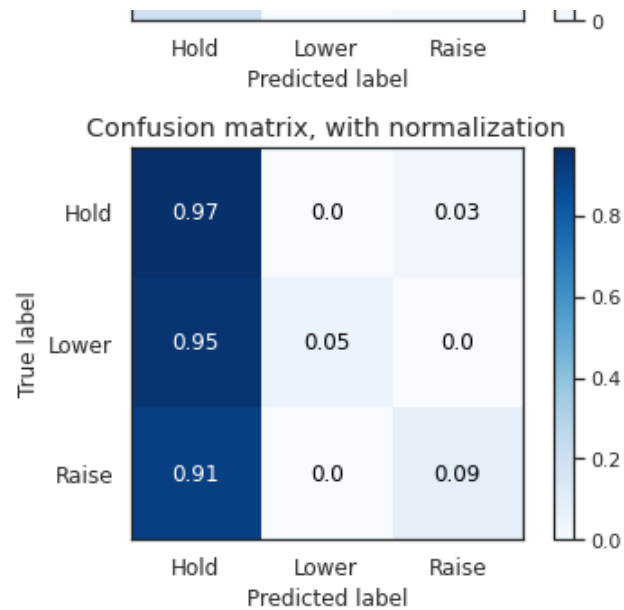
```
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658115 Accuracy: 0.719880 F1 Score: 0.356879
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658320 Accuracy: 0.719779 F1 Score: 0.356760
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658157 Accuracy: 0.719944 F1 Score: 0.356962
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658324 Accuracy: 0.719844 F1 Score: 0.356846
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658046 Accuracy: 0.720008 F1 Score: 0.356851
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658067 Accuracy: 0.719907 F1 Score: 0.356925
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658086 Accuracy: 0.719939 F1 Score: 0.356867
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658018 Accuracy: 0.719971 F1 Score: 0.356809
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657682 Accuracy: 0.720200 F1 Score: 0.357039
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657543 Accuracy: 0.720298 F1 Score: 0.357013
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657151 Accuracy: 0.720526 F1 Score: 0.357242
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657433 Accuracy: 0.720294 F1 Score: 0.357057
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657425 Accuracy: 0.720326 F1 Score: 0.357005
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657588 Accuracy: 0.720226 F1 Score: 0.356883
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657791 Accuracy: 0.720060 F1 Score: 0.356731
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657555 Accuracy: 0.720223 F1 Score: 0.356736
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657387 Accuracy: 0.720319 F1 Score: 0.356711
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656986 Accuracy: 0.720611 F1 Score: 0.356970
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657078 Accuracy: 0.720577 F1 Score: 0.356882
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657080 Accuracy: 0.720607 F1 Score: 0.357015
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657065 Accuracy: 0.720573 F1 Score: 0.356929
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657602 Accuracy: 0.720278 F1 Score: 0.356721
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657652 Accuracy: 0.720309 F1 Score: 0.356664
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657684 Accuracy: 0.720340 F1 Score: 0.356607
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657718 Accuracy: 0.720306 F1 Score: 0.356520
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657686 Accuracy: 0.720337 F1 Score: 0.356466
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657611 Accuracy: 0.720367 F1 Score: 0.356409
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657562 Accuracy: 0.720398 F1 Score: 0.356357
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657496 Accuracy: 0.720493 F1 Score: 0.356334
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657626 Accuracy: 0.720459 F1 Score: 0.356246
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657630 Accuracy: 0.720425 F1 Score: 0.356161
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657403 Accuracy: 0.720520 F1 Score: 0.356136
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657242 Accuracy: 0.720679 F1 Score: 0.356145
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657058 Accuracy: 0.720773 F1 Score: 0.356120
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657102 Accuracy: 0.720675 F1 Score: 0.356002
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657067 Accuracy: 0.720577 F1 Score: 0.355885
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657098 Accuracy: 0.720543 F1 Score: 0.355798
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657564 Accuracy: 0.720317 F1 Score: 0.355624
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657768 Accuracy: 0.720156 F1 Score: 0.355483
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657608 Accuracy: 0.720314 F1 Score: 0.355976
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657823 Accuracy: 0.720281 F1 Score: 0.356081
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657913 Accuracy: 0.720311 F1 Score: 0.356026
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657711 Accuracy: 0.720341 F1 Score: 0.355968
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657592 Accuracy: 0.720371 F1 Score: 0.356211
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657668 Accuracy: 0.720274 F1 Score: 0.356095
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657861 Accuracy: 0.720051 F1 Score: 0.355922
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657812 Accuracy: 0.720145 F1 Score: 0.355901
```

```
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657881 Accuracy: 0.720111 F1 Score: 0.355817
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657594 Accuracy: 0.720268 F1 Score: 0.355824
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657726 Accuracy: 0.720298 F1 Score: 0.355958
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657797 Accuracy: 0.720202 F1 Score: 0.356028
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657936 Accuracy: 0.720106 F1 Score: 0.356211
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658164 Accuracy: 0.720010 F1 Score: 0.356284
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658126 Accuracy: 0.720040 F1 Score: 0.356230
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657812 Accuracy: 0.720259 F1 Score: 0.356265
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657946 Accuracy: 0.720163 F1 Score: 0.356151
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658125 Accuracy: 0.720068 F1 Score: 0.356041
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.658069 Accuracy: 0.720098 F1 Score: 0.355987
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657953 Accuracy: 0.720190 F1 Score: 0.356146
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657965 Accuracy: 0.720033 F1 Score: 0.356004
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657819 Accuracy: 0.720125 F1 Score: 0.355982
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657740 Accuracy: 0.720217 F1 Score: 0.356140
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657685 Accuracy: 0.720309 F1 Score: 0.356299
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657844 Accuracy: 0.720214 F1 Score: 0.356371
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657675 Accuracy: 0.720369 F1 Score: 0.356378
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657853 Accuracy: 0.720336 F1 Score: 0.356478
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657582 Accuracy: 0.720490 F1 Score: 0.356483
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657478 Accuracy: 0.720519 F1 Score: 0.356613
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657647 Accuracy: 0.720486 F1 Score: 0.356533
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657290 Accuracy: 0.720701 F1 Score: 0.356748
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657319 Accuracy: 0.720730 F1 Score: 0.356874
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.657111 Accuracy: 0.720883 F1 Score: 0.356880
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656925 Accuracy: 0.720973 F1 Score: 0.356854
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656628 Accuracy: 0.721187 F1 Score: 0.356888
Epoch: 3/3... Step: 950... Loss: 0.448355... Val Loss: 0.656554 Accuracy: 0.721154 F1 Score: 0.356803
950 steps in epoch 3

Epoch: 3, Average Accuracy: 0.72115385, Average f1: 0.35680318

<Figure size 432x288 with 0 Axes>
```


Confusion matrix, without normalization

Confusion matrix, with normalization

True label \ Predicted label	Hold	Lower	Raise
Hold	0.97	0.0	0.03
Lower	0.95	0.05	0.0
Raise	0.91	0.0	0.09

```
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.745814 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.611496 Accuracy: 0.750000 F1 Score: 0.285714
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.700299 Accuracy: 0.687500 F1 Score: 0.271605
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.661420 Accuracy: 0.703125 F1 Score: 0.275229
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.636779 Accuracy: 0.725000 F1 Score: 0.346078
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.664739 Accuracy: 0.718750 F1 Score: 0.372671
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.673391 Accuracy: 0.714286 F1 Score: 0.359929
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.661833 Accuracy: 0.726562 F1 Score: 0.382129
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.670210 Accuracy: 0.715278 F1 Score: 0.373688
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.673175 Accuracy: 0.718750 F1 Score: 0.365743
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.679444 Accuracy: 0.715909 F1 Score: 0.357241
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.656696 Accuracy: 0.723958 F1 Score: 0.373432
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.656947 Accuracy: 0.725962 F1 Score: 0.365869
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652946 Accuracy: 0.723214 F1 Score: 0.360245
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.669120 Accuracy: 0.716667 F1 Score: 0.351574
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.670188 Accuracy: 0.714844 F1 Score: 0.348494
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.673850 Accuracy: 0.709559 F1 Score: 0.341620
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.668588 Accuracy: 0.708333 F1 Score: 0.339371
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.696703 Accuracy: 0.690789 F1 Score: 0.328649
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.700738 Accuracy: 0.690625 F1 Score: 0.325216
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.694766 Accuracy: 0.696429 F1 Score: 0.333730
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.700893 Accuracy: 0.687500 F1 Score: 0.327530
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.689157 Accuracy: 0.695652 F1 Score: 0.328854
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.689994 Accuracy: 0.695312 F1 Score: 0.333414
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.679057 Accuracy: 0.702500 F1 Score: 0.346425
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.667735 Accuracy: 0.709135 F1 Score: 0.346839
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.672383 Accuracy: 0.703704 F1 Score: 0.342329
```

```
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.669491 Accuracy: 0.705357 F1 Score: 0.341076
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.663870 Accuracy: 0.711207 F1 Score: 0.351909
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.662597 Accuracy: 0.712500 F1 Score: 0.350016
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.658543 Accuracy: 0.713710 F1 Score: 0.347786
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.656068 Accuracy: 0.714844 F1 Score: 0.346553
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.659951 Accuracy: 0.712121 F1 Score: 0.343192
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.660332 Accuracy: 0.711397 F1 Score: 0.341465
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.662014 Accuracy: 0.710714 F1 Score: 0.339467
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.661530 Accuracy: 0.710069 F1 Score: 0.337925
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653314 Accuracy: 0.716216 F1 Score: 0.338820
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647216 Accuracy: 0.720395 F1 Score: 0.339064
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652721 Accuracy: 0.717949 F1 Score: 0.341239
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651406 Accuracy: 0.720313 F1 Score: 0.345746
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648180 Accuracy: 0.722561 F1 Score: 0.345512
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646940 Accuracy: 0.723214 F1 Score: 0.348841
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.654134 Accuracy: 0.718023 F1 Score: 0.344802
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646585 Accuracy: 0.723011 F1 Score: 0.345591
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649373 Accuracy: 0.722222 F1 Score: 0.343818
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653908 Accuracy: 0.721467 F1 Score: 0.342140
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653888 Accuracy: 0.720745 F1 Score: 0.340549
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647858 Accuracy: 0.725260 F1 Score: 0.347568
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648102 Accuracy: 0.725765 F1 Score: 0.346636
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649945 Accuracy: 0.725000 F1 Score: 0.344993
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.656782 Accuracy: 0.720588 F1 Score: 0.341943
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.657999 Accuracy: 0.718750 F1 Score: 0.340005
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652043 Accuracy: 0.722877 F1 Score: 0.346284
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647748 Accuracy: 0.725694 F1 Score: 0.346409
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649898 Accuracy: 0.723864 F1 Score: 0.344446
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648063 Accuracy: 0.726562 F1 Score: 0.349685
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646516 Accuracy: 0.728070 F1 Score: 0.349015
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647053 Accuracy: 0.727371 F1 Score: 0.347811
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653817 Accuracy: 0.722458 F1 Score: 0.344711
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651312 Accuracy: 0.721875 F1 Score: 0.343489
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647541 Accuracy: 0.724385 F1 Score: 0.343482
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645208 Accuracy: 0.725806 F1 Score: 0.343083
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646802 Accuracy: 0.724206 F1 Score: 0.341205
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650488 Accuracy: 0.722656 F1 Score: 0.343102
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648337 Accuracy: 0.724038 F1 Score: 0.342942
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644436 Accuracy: 0.726326 F1 Score: 0.343063
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646037 Accuracy: 0.725746 F1 Score: 0.350155
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645172 Accuracy: 0.725184 F1 Score: 0.349140
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647303 Accuracy: 0.724638 F1 Score: 0.347884
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646406 Accuracy: 0.725000 F1 Score: 0.347273
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647335 Accuracy: 0.725352 F1 Score: 0.346546
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645642 Accuracy: 0.727431 F1 Score: 0.346507
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646109 Accuracy: 0.727740 F1 Score: 0.345688
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644218 Accuracy: 0.728885 F1 Score: 0.345555
```

```
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644216 Accuracy: 0.728889 F1 Score: 0.343999
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642600 Accuracy: 0.730000 F1 Score: 0.345426
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642639 Accuracy: 0.729441 F1 Score: 0.348096
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646421 Accuracy: 0.727273 F1 Score: 0.350170
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645155 Accuracy: 0.728365 F1 Score: 0.349608
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644656 Accuracy: 0.728639 F1 Score: 0.348915
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644875 Accuracy: 0.728906 F1 Score: 0.348237
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643110 Accuracy: 0.729938 F1 Score: 0.348001
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.641820 Accuracy: 0.730945 F1 Score: 0.347628
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.641465 Accuracy: 0.731175 F1 Score: 0.346980
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.639085 Accuracy: 0.732887 F1 Score: 0.346899
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.639100 Accuracy: 0.733088 F1 Score: 0.346270
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.641466 Accuracy: 0.732558 F1 Score: 0.345385
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642531 Accuracy: 0.732040 F1 Score: 0.347054
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645139 Accuracy: 0.730824 F1 Score: 0.346016
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643712 Accuracy: 0.731742 F1 Score: 0.345912
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643265 Accuracy: 0.731944 F1 Score: 0.345328
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644914 Accuracy: 0.731456 F1 Score: 0.344499
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643124 Accuracy: 0.733016 F1 Score: 0.347022
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642529 Accuracy: 0.733199 F1 Score: 0.349571
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.641303 Accuracy: 0.734043 F1 Score: 0.349342
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642964 Accuracy: 0.733553 F1 Score: 0.348502
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644109 Accuracy: 0.732422 F1 Score: 0.347432
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645522 Accuracy: 0.730670 F1 Score: 0.345939
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644623 Accuracy: 0.730867 F1 Score: 0.348460
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642564 Accuracy: 0.732323 F1 Score: 0.348495
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643621 Accuracy: 0.732500 F1 Score: 0.350707
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646929 Accuracy: 0.730198 F1 Score: 0.348865
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647685 Accuracy: 0.729779 F1 Score: 0.350988
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646776 Accuracy: 0.730583 F1 Score: 0.350664
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646455 Accuracy: 0.731370 F1 Score: 0.352911
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645567 Accuracy: 0.731548 F1 Score: 0.352356
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645293 Accuracy: 0.732311 F1 Score: 0.354511
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648559 Accuracy: 0.730140 F1 Score: 0.352701
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647946 Accuracy: 0.730903 F1 Score: 0.352260
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649579 Accuracy: 0.730505 F1 Score: 0.353751
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650347 Accuracy: 0.729545 F1 Score: 0.352807
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651552 Accuracy: 0.728604 F1 Score: 0.351638
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651539 Accuracy: 0.729353 F1 Score: 0.351346
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651434 Accuracy: 0.730088 F1 Score: 0.353411
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651082 Accuracy: 0.730263 F1 Score: 0.353032
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650461 Accuracy: 0.730978 F1 Score: 0.352980
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649294 Accuracy: 0.731681 F1 Score: 0.352929
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649638 Accuracy: 0.731303 F1 Score: 0.352242
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649125 Accuracy: 0.731462 F1 Score: 0.351633
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650711 Accuracy: 0.730042 F1 Score: 0.350593
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648153 Accuracy: 0.731771 F1 Score: 0.350805
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647635 Accuracy: 0.731921 F1 Score: 0.350458
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647655 Accuracy: 0.731921 F1 Score: 0.350438
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646921 Accuracy: 0.732582 F1 Score: 0.350297
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647587 Accuracy: 0.732724 F1 Score: 0.349724
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647923 Accuracy: 0.732359 F1 Score: 0.350887
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648174 Accuracy: 0.731500 F1 Score: 0.352374
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650959 Accuracy: 0.730159 F1 Score: 0.353094
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649825 Accuracy: 0.730807 F1 Score: 0.352930
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651083 Accuracy: 0.729492 F1 Score: 0.351939
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653356 Accuracy: 0.729167 F1 Score: 0.351321
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.654617 Accuracy: 0.727885 F1 Score: 0.351997
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653071 Accuracy: 0.728531 F1 Score: 0.353648
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653917 Accuracy: 0.727746 F1 Score: 0.352850
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652806 Accuracy: 0.727914 F1 Score: 0.352611
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653398 Accuracy: 0.727146 F1 Score: 0.351555
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652759 Accuracy: 0.727778 F1 Score: 0.351498
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653550 Accuracy: 0.727022 F1 Score: 0.352681
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653315 Accuracy: 0.727190 F1 Score: 0.353877
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652041 Accuracy: 0.727808 F1 Score: 0.353634
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651307 Accuracy: 0.728417 F1 Score: 0.355367
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650575 Accuracy: 0.729018 F1 Score: 0.355209
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649823 Accuracy: 0.729167 F1 Score: 0.354883
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651166 Accuracy: 0.727993 F1 Score: 0.353873
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650944 Accuracy: 0.728147 F1 Score: 0.353289
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649994 Accuracy: 0.728733 F1 Score: 0.354603
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648070 Accuracy: 0.730172 F1 Score: 0.354786
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647175 Accuracy: 0.730308 F1 Score: 0.354383
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645898 Accuracy: 0.730442 F1 Score: 0.355657
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646696 Accuracy: 0.729730 F1 Score: 0.354922
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645109 Accuracy: 0.730705 F1 Score: 0.355012
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644153 Accuracy: 0.731667 F1 Score: 0.355021
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642869 Accuracy: 0.732202 F1 Score: 0.354866
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643995 Accuracy: 0.731086 F1 Score: 0.354071
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643697 Accuracy: 0.731618 F1 Score: 0.353922
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642658 Accuracy: 0.732549 F1 Score: 0.353854
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643070 Accuracy: 0.732258 F1 Score: 0.354983
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643286 Accuracy: 0.732372 F1 Score: 0.354599
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643970 Accuracy: 0.732086 F1 Score: 0.353913
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642865 Accuracy: 0.732991 F1 Score: 0.355613
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644860 Accuracy: 0.731525 F1 Score: 0.355954
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644571 Accuracy: 0.731250 F1 Score: 0.355576
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643549 Accuracy: 0.732143 F1 Score: 0.356885
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642609 Accuracy: 0.732253 F1 Score: 0.356652
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643251 Accuracy: 0.731595 F1 Score: 0.356047
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642991 Accuracy: 0.731707 F1 Score: 0.355535
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643382 Accuracy: 0.731439 F1 Score: 0.355022
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642611 Accuracy: 0.731928 F1 Score: 0.356208
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643735 Accuracy: 0.730913 F1 Score: 0.355267
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644387 Accuracy: 0.730283 F1 Score: 0.354491
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645856 Accuracy: 0.729290 F1 Score: 0.353704
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644203 Accuracy: 0.729779 F1 Score: 0.353635
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643690 Accuracy: 0.730263 F1 Score: 0.354781
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643999 Accuracy: 0.730378 F1 Score: 0.354380
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645250 Accuracy: 0.729046 F1 Score: 0.353584
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644162 Accuracy: 0.729526 F1 Score: 0.353455
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645185 Accuracy: 0.728929 F1 Score: 0.353959
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645274 Accuracy: 0.729048 F1 Score: 0.354851
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644608 Accuracy: 0.729873 F1 Score: 0.354863
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644722 Accuracy: 0.729986 F1 Score: 0.354641
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645905 Accuracy: 0.729050 F1 Score: 0.353731
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646523 Accuracy: 0.728819 F1 Score: 0.353171
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645523 Accuracy: 0.729627 F1 Score: 0.354691
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645977 Accuracy: 0.729396 F1 Score: 0.354284
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645613 Accuracy: 0.729508 F1 Score: 0.353967
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646376 Accuracy: 0.728940 F1 Score: 0.353328
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647008 Accuracy: 0.729054 F1 Score: 0.354236
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648004 Accuracy: 0.728495 F1 Score: 0.355007
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648221 Accuracy: 0.728275 F1 Score: 0.354611
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647519 Accuracy: 0.728059 F1 Score: 0.354169
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647893 Accuracy: 0.728175 F1 Score: 0.353816
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647217 Accuracy: 0.728947 F1 Score: 0.353783
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646856 Accuracy: 0.729058 F1 Score: 0.353531
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646775 Accuracy: 0.728841 F1 Score: 0.353102
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646854 Accuracy: 0.729275 F1 Score: 0.354439
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646575 Accuracy: 0.729381 F1 Score: 0.354191
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646871 Accuracy: 0.729167 F1 Score: 0.353714
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646965 Accuracy: 0.729273 F1 Score: 0.353471
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647963 Accuracy: 0.728426 F1 Score: 0.352700
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648368 Accuracy: 0.728220 F1 Score: 0.352289
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647090 Accuracy: 0.728957 F1 Score: 0.353714
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649504 Accuracy: 0.727812 F1 Score: 0.352778
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649923 Accuracy: 0.727301 F1 Score: 0.352251
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649461 Accuracy: 0.727413 F1 Score: 0.351974
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649170 Accuracy: 0.727833 F1 Score: 0.351871
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649572 Accuracy: 0.727635 F1 Score: 0.351477
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649057 Accuracy: 0.728049 F1 Score: 0.351375
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648869 Accuracy: 0.728155 F1 Score: 0.351106
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648225 Accuracy: 0.728865 F1 Score: 0.351172
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648202 Accuracy: 0.728666 F1 Score: 0.350835
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648167 Accuracy: 0.728469 F1 Score: 0.350453
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649085 Accuracy: 0.727976 F1 Score: 0.349865
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649416 Accuracy: 0.727488 F1 Score: 0.349423
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650183 Accuracy: 0.727005 F1 Score: 0.348848
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649749 Accuracy: 0.727113 F1 Score: 0.349623
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650331 Accuracy: 0.726928 F1 Score: 0.349214
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649548 Accuracy: 0.727616 F1 Score: 0.350455
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647986 Accuracy: 0.728588 F1 Score: 0.350633
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648705 Accuracy: 0.728399 F1 Score: 0.350180
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649891 Accuracy: 0.727638 F1 Score: 0.349679
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650404 Accuracy: 0.727454 F1 Score: 0.349410
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649841 Accuracy: 0.727841 F1 Score: 0.349320
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650602 Accuracy: 0.727093 F1 Score: 0.348659
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650644 Accuracy: 0.727196 F1 Score: 0.348419
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651809 Accuracy: 0.726738 F1 Score: 0.348984
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652026 Accuracy: 0.726562 F1 Score: 0.348554
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651558 Accuracy: 0.726944 F1 Score: 0.349395
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651065 Accuracy: 0.727046 F1 Score: 0.349159
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650164 Accuracy: 0.727698 F1 Score: 0.349143
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650000 Accuracy: 0.727796 F1 Score: 0.348909
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650863 Accuracy: 0.727347 F1 Score: 0.348461
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650898 Accuracy: 0.727446 F1 Score: 0.348268
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650633 Accuracy: 0.727273 F1 Score: 0.348911
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650413 Accuracy: 0.727371 F1 Score: 0.348683
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650431 Accuracy: 0.727200 F1 Score: 0.348349
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649757 Accuracy: 0.727297 F1 Score: 0.348159
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649073 Accuracy: 0.727660 F1 Score: 0.349881
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648013 Accuracy: 0.728284 F1 Score: 0.349933
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647942 Accuracy: 0.728112 F1 Score: 0.349631
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647687 Accuracy: 0.728204 F1 Score: 0.349438
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647011 Accuracy: 0.728556 F1 Score: 0.350519
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645857 Accuracy: 0.729167 F1 Score: 0.350571
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645756 Accuracy: 0.728994 F1 Score: 0.350238
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644954 Accuracy: 0.729339 F1 Score: 0.350151
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645150 Accuracy: 0.729167 F1 Score: 0.349823
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644498 Accuracy: 0.729508 F1 Score: 0.350587
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643720 Accuracy: 0.729847 F1 Score: 0.351408
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642692 Accuracy: 0.730437 F1 Score: 0.352322
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643573 Accuracy: 0.730263 F1 Score: 0.352849
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643476 Accuracy: 0.730091 F1 Score: 0.352485
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643775 Accuracy: 0.730171 F1 Score: 0.353138
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643003 Accuracy: 0.730750 F1 Score: 0.354311
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643717 Accuracy: 0.730329 F1 Score: 0.353840
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643685 Accuracy: 0.730407 F1 Score: 0.353553
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644141 Accuracy: 0.729743 F1 Score: 0.353879
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644089 Accuracy: 0.729823 F1 Score: 0.353682
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644146 Accuracy: 0.729902 F1 Score: 0.353486
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644115 Accuracy: 0.729736 F1 Score: 0.353160
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644340 Accuracy: 0.729329 F1 Score: 0.352680
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644032 Accuracy: 0.729409 F1 Score: 0.352462
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643223 Accuracy: 0.729730 F1 Score: 0.352373
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642737 Accuracy: 0.730048 F1 Score: 0.352258
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642980 Accuracy: 0.729885 F1 Score: 0.352726
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.642649 Accuracy: 0.730200 F1 Score: 0.353440
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643057 Accuracy: 0.730038 F1 Score: 0.353920
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643501 Accuracy: 0.730114 F1 Score: 0.354516
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643881 Accuracy: 0.729717 F1 Score: 0.354051
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644559 Accuracy: 0.729323 F1 Score: 0.353635
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644689 Accuracy: 0.728933 F1 Score: 0.354018
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644246 Accuracy: 0.729244 F1 Score: 0.353908
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644249 Accuracy: 0.729322 F1 Score: 0.353697
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644662 Accuracy: 0.728935 F1 Score: 0.354014
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646270 Accuracy: 0.728090 F1 Score: 0.353385
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646259 Accuracy: 0.728171 F1 Score: 0.353199
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645657 Accuracy: 0.728480 F1 Score: 0.353094
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646457 Accuracy: 0.727874 F1 Score: 0.353327
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646398 Accuracy: 0.727727 F1 Score: 0.353026
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646003 Accuracy: 0.727808 F1 Score: 0.352861
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645802 Accuracy: 0.727888 F1 Score: 0.352661
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646285 Accuracy: 0.727743 F1 Score: 0.352383
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646142 Accuracy: 0.727823 F1 Score: 0.353209
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645439 Accuracy: 0.728125 F1 Score: 0.353126
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646091 Accuracy: 0.727980 F1 Score: 0.352813
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645579 Accuracy: 0.728280 F1 Score: 0.352712
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645263 Accuracy: 0.728578 F1 Score: 0.352612
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645110 Accuracy: 0.728653 F1 Score: 0.353437
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.643941 Accuracy: 0.729386 F1 Score: 0.354290
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645098 Accuracy: 0.728802 F1 Score: 0.354544
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645581 Accuracy: 0.728223 F1 Score: 0.354043
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645950 Accuracy: 0.728082 F1 Score: 0.354427
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645701 Accuracy: 0.728374 F1 Score: 0.354326
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646203 Accuracy: 0.727802 F1 Score: 0.353832
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646065 Accuracy: 0.727878 F1 Score: 0.353624
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645763 Accuracy: 0.728168 F1 Score: 0.354229
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645691 Accuracy: 0.728242 F1 Score: 0.355004
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646445 Accuracy: 0.727679 F1 Score: 0.355223
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647892 Accuracy: 0.726907 F1 Score: 0.354625
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648398 Accuracy: 0.726562 F1 Score: 0.355181
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648302 Accuracy: 0.726431 F1 Score: 0.354915
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647975 Accuracy: 0.726510 F1 Score: 0.354759
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647231 Accuracy: 0.726798 F1 Score: 0.355619
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646528 Accuracy: 0.727083 F1 Score: 0.355538
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646659 Accuracy: 0.726744 F1 Score: 0.355823
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646078 Accuracy: 0.727235 F1 Score: 0.355834
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646578 Accuracy: 0.726898 F1 Score: 0.355446
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646649 Accuracy: 0.726768 F1 Score: 0.355169
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646587 Accuracy: 0.726844 F1 Score: 0.354983
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646647 Accuracy: 0.726920 F1 Score: 0.354832
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646283 Accuracy: 0.726995 F1 Score: 0.354648
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646287 Accuracy: 0.727070 F1 Score: 0.354449
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.644921 Accuracy: 0.727953 F1 Score: 0.354654
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645136 Accuracy: 0.727621 F1 Score: 0.354295
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645541 Accuracy: 0.727291 F1 Score: 0.353939
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.645187 Accuracy: 0.727564 F1 Score: 0.353863
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646195 Accuracy: 0.727236 F1 Score: 0.353527
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.646596 Accuracy: 0.726911 F1 Score: 0.353194
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648201 Accuracy: 0.726190 F1 Score: 0.352642
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648938 Accuracy: 0.725870 F1 Score: 0.353124
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649540 Accuracy: 0.725355 F1 Score: 0.352662
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649040 Accuracy: 0.725432 F1 Score: 0.352507
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649034 Accuracy: 0.725509 F1 Score: 0.353179
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648662 Accuracy: 0.725781 F1 Score: 0.353092
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649063 Accuracy: 0.725662 F1 Score: 0.352820
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649577 Accuracy: 0.725155 F1 Score: 0.352416
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650110 Accuracy: 0.724845 F1 Score: 0.352017
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650222 Accuracy: 0.724923 F1 Score: 0.351867
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650618 Accuracy: 0.724615 F1 Score: 0.351521
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650488 Accuracy: 0.724885 F1 Score: 0.351440
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650704 Accuracy: 0.724962 F1 Score: 0.351277
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650763 Accuracy: 0.724848 F1 Score: 0.351018
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650401 Accuracy: 0.724924 F1 Score: 0.350872
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649436 Accuracy: 0.725568 F1 Score: 0.350985
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648928 Accuracy: 0.725831 F1 Score: 0.351561
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648658 Accuracy: 0.726092 F1 Score: 0.351480
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648416 Accuracy: 0.726164 F1 Score: 0.351319
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648128 Accuracy: 0.726422 F1 Score: 0.351269
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648605 Accuracy: 0.725933 F1 Score: 0.350884
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648270 Accuracy: 0.726004 F1 Score: 0.350725
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648518 Accuracy: 0.725890 F1 Score: 0.350488
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648709 Accuracy: 0.725777 F1 Score: 0.350224
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649116 Accuracy: 0.725664 F1 Score: 0.349961
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649108 Accuracy: 0.725551 F1 Score: 0.349729
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648360 Accuracy: 0.725990 F1 Score: 0.349760
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648336 Accuracy: 0.725877 F1 Score: 0.349557
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648391 Accuracy: 0.725765 F1 Score: 0.349328
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648300 Accuracy: 0.725654 F1 Score: 0.349085
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648677 Accuracy: 0.725543 F1 Score: 0.349660
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648439 Accuracy: 0.725795 F1 Score: 0.349615
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648572 Accuracy: 0.725865 F1 Score: 0.350050
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648667 Accuracy: 0.725934 F1 Score: 0.350704
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648220 Accuracy: 0.726361 F1 Score: 0.350720
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648641 Accuracy: 0.726071 F1 Score: 0.350386
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649065 Accuracy: 0.725427 F1 Score: 0.349918
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649507 Accuracy: 0.725142 F1 Score: 0.349605
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650188 Accuracy: 0.724681 F1 Score: 0.349204
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650922 Accuracy: 0.724400 F1 Score: 0.349497
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651169 Accuracy: 0.724120 F1 Score: 0.349215
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651189 Accuracy: 0.724120 F1 Score: 0.349215
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650625 Accuracy: 0.724368 F1 Score: 0.349158
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650538 Accuracy: 0.724615 F1 Score: 0.349088
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650805 Accuracy: 0.724511 F1 Score: 0.348857
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650658 Accuracy: 0.724582 F1 Score: 0.348715
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650159 Accuracy: 0.725000 F1 Score: 0.348720
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649907 Accuracy: 0.725069 F1 Score: 0.348590
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649342 Accuracy: 0.725311 F1 Score: 0.348548
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649835 Accuracy: 0.724862 F1 Score: 0.348163
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650227 Accuracy: 0.724588 F1 Score: 0.348620
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650389 Accuracy: 0.724486 F1 Score: 0.349912
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649959 Accuracy: 0.724727 F1 Score: 0.349857
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649439 Accuracy: 0.724966 F1 Score: 0.350552
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648628 Accuracy: 0.725374 F1 Score: 0.350583
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.647990 Accuracy: 0.725779 F1 Score: 0.350582
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648593 Accuracy: 0.725338 F1 Score: 0.350209
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649038 Accuracy: 0.724899 F1 Score: 0.349840
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648598 Accuracy: 0.725134 F1 Score: 0.349770
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649226 Accuracy: 0.724698 F1 Score: 0.349389
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649842 Accuracy: 0.724432 F1 Score: 0.349095
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651009 Accuracy: 0.723667 F1 Score: 0.348566
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650567 Accuracy: 0.723737 F1 Score: 0.349189
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650165 Accuracy: 0.723806 F1 Score: 0.349067
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650437 Accuracy: 0.723710 F1 Score: 0.348878
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650002 Accuracy: 0.723945 F1 Score: 0.348827
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650301 Accuracy: 0.724013 F1 Score: 0.350148
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650570 Accuracy: 0.723917 F1 Score: 0.349942
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650654 Accuracy: 0.723658 F1 Score: 0.349653
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650772 Accuracy: 0.723564 F1 Score: 0.349450
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650501 Accuracy: 0.723633 F1 Score: 0.349349
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650200 Accuracy: 0.723864 F1 Score: 0.350007
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649516 Accuracy: 0.724417 F1 Score: 0.350107
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649708 Accuracy: 0.723999 F1 Score: 0.349736
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649434 Accuracy: 0.724227 F1 Score: 0.349703
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649439 Accuracy: 0.724293 F1 Score: 0.349568
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649824 Accuracy: 0.724199 F1 Score: 0.349368
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650040 Accuracy: 0.723945 F1 Score: 0.349069
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649770 Accuracy: 0.724011 F1 Score: 0.348903
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650062 Accuracy: 0.723919 F1 Score: 0.348706
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649577 Accuracy: 0.724143 F1 Score: 0.348674
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649359 Accuracy: 0.724209 F1 Score: 0.349788
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649626 Accuracy: 0.724116 F1 Score: 0.349557
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649999 Accuracy: 0.723709 F1 Score: 0.349231
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649349 Accuracy: 0.724089 F1 Score: 0.349948
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648886 Accuracy: 0.724311 F1 Score: 0.349899
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648892 Accuracy: 0.724375 F1 Score: 0.349767
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649896 Accuracy: 0.723815 F1 Score: 0.349329
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650428 Accuracy: 0.723414 F1 Score: 0.348992
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650438 Accuracy: 0.723414 F1 Score: 0.348992
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649880 Accuracy: 0.723790 F1 Score: 0.349025
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650323 Accuracy: 0.723700 F1 Score: 0.349470
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649966 Accuracy: 0.723920 F1 Score: 0.349405
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650095 Accuracy: 0.723830 F1 Score: 0.349214
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649920 Accuracy: 0.723894 F1 Score: 0.349086
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650258 Accuracy: 0.723652 F1 Score: 0.348835
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650841 Accuracy: 0.723411 F1 Score: 0.348550
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650780 Accuracy: 0.723476 F1 Score: 0.349066
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650508 Accuracy: 0.723692 F1 Score: 0.349020
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650677 Accuracy: 0.723604 F1 Score: 0.349486
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650330 Accuracy: 0.723820 F1 Score: 0.349457
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650481 Accuracy: 0.724034 F1 Score: 0.349410
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650300 Accuracy: 0.724096 F1 Score: 0.349285
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650292 Accuracy: 0.723858 F1 Score: 0.349038
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650161 Accuracy: 0.723921 F1 Score: 0.348914
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650645 Accuracy: 0.723684 F1 Score: 0.349145
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650424 Accuracy: 0.723896 F1 Score: 0.349082
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650240 Accuracy: 0.723958 F1 Score: 0.349484
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649892 Accuracy: 0.724020 F1 Score: 0.349377
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650388 Accuracy: 0.723786 F1 Score: 0.349149
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650350 Accuracy: 0.723848 F1 Score: 0.349665
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650521 Accuracy: 0.723762 F1 Score: 0.349465
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651269 Accuracy: 0.723235 F1 Score: 0.349718
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651501 Accuracy: 0.723151 F1 Score: 0.349554
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651441 Accuracy: 0.723068 F1 Score: 0.349373
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651368 Accuracy: 0.723277 F1 Score: 0.350434
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651351 Accuracy: 0.723339 F1 Score: 0.350311
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651657 Accuracy: 0.723256 F1 Score: 0.350147
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651152 Accuracy: 0.723608 F1 Score: 0.350144
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651079 Accuracy: 0.723524 F1 Score: 0.349981
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650626 Accuracy: 0.723874 F1 Score: 0.349994
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651427 Accuracy: 0.723502 F1 Score: 0.349698
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651283 Accuracy: 0.723563 F1 Score: 0.349560
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650970 Accuracy: 0.723911 F1 Score: 0.350804
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650987 Accuracy: 0.723970 F1 Score: 0.351188
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651187 Accuracy: 0.723744 F1 Score: 0.350896
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650482 Accuracy: 0.724089 F1 Score: 0.350909
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650290 Accuracy: 0.724148 F1 Score: 0.350805
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650848 Accuracy: 0.723781 F1 Score: 0.350459
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650952 Accuracy: 0.723840 F1 Score: 0.350323
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650813 Accuracy: 0.724041 F1 Score: 0.350278
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651062 Accuracy: 0.723818 F1 Score: 0.350045
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650924 Accuracy: 0.723876 F1 Score: 0.350509
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650591 Accuracy: 0.724075 F1 Score: 0.350482
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650338 Accuracy: 0.724273 F1 Score: 0.350421
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650299 Accuracy: 0.724191 F1 Score: 0.350741
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649908 Accuracy: 0.724388 F1 Score: 0.350696
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649876 Accuracy: 0.724444 F1 Score: 0.350578
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650262 Accuracy: 0.723947 F1 Score: 0.350218
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651124 Accuracy: 0.723451 F1 Score: 0.349860
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651114 Accuracy: 0.723648 F1 Score: 0.349800
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650940 Accuracy: 0.723568 F1 Score: 0.349629
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651142 Accuracy: 0.723626 F1 Score: 0.349498
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650714 Accuracy: 0.723821 F1 Score: 0.349472
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651349 Accuracy: 0.723468 F1 Score: 0.349176
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651835 Accuracy: 0.723117 F1 Score: 0.348897
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652015 Accuracy: 0.723039 F1 Score: 0.348747
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652397 Accuracy: 0.722690 F1 Score: 0.348454
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652704 Accuracy: 0.722614 F1 Score: 0.348273
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653076 Accuracy: 0.722267 F1 Score: 0.348596
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653193 Accuracy: 0.722192 F1 Score: 0.348891
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653010 Accuracy: 0.722252 F1 Score: 0.348797
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652524 Accuracy: 0.722581 F1 Score: 0.348811
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652431 Accuracy: 0.722505 F1 Score: 0.348647
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652614 Accuracy: 0.722430 F1 Score: 0.348467
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652577 Accuracy: 0.722623 F1 Score: 0.348984
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652185 Accuracy: 0.722814 F1 Score: 0.348961
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652087 Accuracy: 0.722872 F1 Score: 0.348851
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651637 Accuracy: 0.723063 F1 Score: 0.348812
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651484 Accuracy: 0.723120 F1 Score: 0.349171
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651779 Accuracy: 0.722912 F1 Score: 0.348939
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651803 Accuracy: 0.722838 F1 Score: 0.348745
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651507 Accuracy: 0.722895 F1 Score: 0.349200
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651484 Accuracy: 0.722952 F1 Score: 0.349556
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651029 Accuracy: 0.723270 F1 Score: 0.349569
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650694 Accuracy: 0.723588 F1 Score: 0.350142
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650741 Accuracy: 0.723643 F1 Score: 0.350032
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650798 Accuracy: 0.723568 F1 Score: 0.349887
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650401 Accuracy: 0.723753 F1 Score: 0.350386
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650320 Accuracy: 0.723807 F1 Score: 0.350276
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650071 Accuracy: 0.724120 F1 Score: 0.350714
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650250 Accuracy: 0.724044 F1 Score: 0.350569
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650679 Accuracy: 0.723840 F1 Score: 0.350322
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651004 Accuracy: 0.723380 F1 Score: 0.349989
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650451 Accuracy: 0.723691 F1 Score: 0.350001
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650205 Accuracy: 0.723745 F1 Score: 0.349910
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649406 Accuracy: 0.724310 F1 Score: 0.350041
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649964 Accuracy: 0.724107 F1 Score: 0.349798
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650321 Accuracy: 0.724033 F1 Score: 0.350092
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649843 Accuracy: 0.724339 F1 Score: 0.350103
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649697 Accuracy: 0.724265 F1 Score: 0.349945
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649580 Accuracy: 0.724443 F1 Score: 0.349905
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649723 Accuracy: 0.724369 F1 Score: 0.349717
```

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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649617 Accuracy: 0.724420 F1 Score: 0.349642
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649031 Accuracy: 0.724849 F1 Score: 0.349720
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648995 Accuracy: 0.724774 F1 Score: 0.349563
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649352 Accuracy: 0.724699 F1 Score: 0.349392
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648688 Accuracy: 0.725125 F1 Score: 0.349454
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648751 Accuracy: 0.725175 F1 Score: 0.349350
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648341 Accuracy: 0.725349 F1 Score: 0.349326
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648810 Accuracy: 0.724901 F1 Score: 0.348975
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648676 Accuracy: 0.725074 F1 Score: 0.349790
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649222 Accuracy: 0.724752 F1 Score: 0.349549
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649321 Accuracy: 0.724555 F1 Score: 0.349781
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649116 Accuracy: 0.724606 F1 Score: 0.349691
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649592 Accuracy: 0.724286 F1 Score: 0.349409
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649502 Accuracy: 0.724460 F1 Score: 0.349888
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649267 Accuracy: 0.724510 F1 Score: 0.350732
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649943 Accuracy: 0.724315 F1 Score: 0.351024
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650058 Accuracy: 0.724365 F1 Score: 0.350920
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650300 Accuracy: 0.724415 F1 Score: 0.352152
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650216 Accuracy: 0.724587 F1 Score: 0.352097
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650372 Accuracy: 0.724636 F1 Score: 0.351992
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650444 Accuracy: 0.724564 F1 Score: 0.351837
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650312 Accuracy: 0.724613 F1 Score: 0.352172
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649703 Accuracy: 0.725024 F1 Score: 0.352246
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649389 Accuracy: 0.725193 F1 Score: 0.352205
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649422 Accuracy: 0.725240 F1 Score: 0.352086
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648961 Accuracy: 0.725528 F1 Score: 0.352096
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649384 Accuracy: 0.725335 F1 Score: 0.351878
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649393 Accuracy: 0.725263 F1 Score: 0.352118
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649071 Accuracy: 0.725429 F1 Score: 0.352091
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649105 Accuracy: 0.725476 F1 Score: 0.352500
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649404 Accuracy: 0.725404 F1 Score: 0.352333
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649758 Accuracy: 0.725332 F1 Score: 0.352153
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649304 Accuracy: 0.725734 F1 Score: 0.352615
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649521 Accuracy: 0.725425 F1 Score: 0.352350
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649095 Accuracy: 0.725825 F1 Score: 0.352408
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648641 Accuracy: 0.725989 F1 Score: 0.352368
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648282 Accuracy: 0.726269 F1 Score: 0.352376
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648505 Accuracy: 0.726196 F1 Score: 0.352238
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648226 Accuracy: 0.726475 F1 Score: 0.353045
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648425 Accuracy: 0.726402 F1 Score: 0.352892
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648414 Accuracy: 0.726329 F1 Score: 0.352741
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648465 Accuracy: 0.726141 F1 Score: 0.352528
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648335 Accuracy: 0.726185 F1 Score: 0.352439
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648498 Accuracy: 0.726113 F1 Score: 0.352301
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648567 Accuracy: 0.726157 F1 Score: 0.352569
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648782 Accuracy: 0.725855 F1 Score: 0.352322
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648955 Accuracy: 0.725899 F1 Score: 0.352625
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648469 Accuracy: 0.726174 F1 Score: 0.352621
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648254 Accuracy: 0.726333 F1 Score: 0.352581
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648041 Accuracy: 0.726376 F1 Score: 0.352492
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648577 Accuracy: 0.725847 F1 Score: 0.352151
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648556 Accuracy: 0.725891 F1 Score: 0.352051
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648752 Accuracy: 0.725821 F1 Score: 0.351928
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648431 Accuracy: 0.726093 F1 Score: 0.351949
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648772 Accuracy: 0.725795 F1 Score: 0.352103
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648507 Accuracy: 0.725953 F1 Score: 0.352076
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649310 Accuracy: 0.725543 F1 Score: 0.351799
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649390 Accuracy: 0.725362 F1 Score: 0.351619
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649651 Accuracy: 0.725181 F1 Score: 0.351403
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649634 Accuracy: 0.725225 F1 Score: 0.351306
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650116 Accuracy: 0.724820 F1 Score: 0.351010
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649777 Accuracy: 0.724865 F1 Score: 0.350938
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649913 Accuracy: 0.724686 F1 Score: 0.350738
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650046 Accuracy: 0.724620 F1 Score: 0.350608
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650026 Accuracy: 0.724665 F1 Score: 0.350525
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650181 Accuracy: 0.724599 F1 Score: 0.350384
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650202 Accuracy: 0.724533 F1 Score: 0.350244
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650333 Accuracy: 0.724578 F1 Score: 0.350174
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650308 Accuracy: 0.724623 F1 Score: 0.350453
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650198 Accuracy: 0.724668 F1 Score: 0.350359
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650051 Accuracy: 0.724823 F1 Score: 0.350323
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649903 Accuracy: 0.724978 F1 Score: 0.350287
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649896 Accuracy: 0.724912 F1 Score: 0.350148
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650260 Accuracy: 0.724627 F1 Score: 0.349895
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650525 Accuracy: 0.724561 F1 Score: 0.350240
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650526 Accuracy: 0.724387 F1 Score: 0.350057
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650619 Accuracy: 0.724323 F1 Score: 0.349908
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650799 Accuracy: 0.724367 F1 Score: 0.349840
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650518 Accuracy: 0.724521 F1 Score: 0.349794
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650270 Accuracy: 0.724783 F1 Score: 0.349804
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650296 Accuracy: 0.724718 F1 Score: 0.349656
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650544 Accuracy: 0.724437 F1 Score: 0.349431
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650389 Accuracy: 0.724589 F1 Score: 0.349861
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650972 Accuracy: 0.724309 F1 Score: 0.349602
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650921 Accuracy: 0.724246 F1 Score: 0.349491
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651094 Accuracy: 0.724182 F1 Score: 0.349322
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651118 Accuracy: 0.724227 F1 Score: 0.349244
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651075 Accuracy: 0.724271 F1 Score: 0.349154
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651330 Accuracy: 0.723994 F1 Score: 0.348922
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651907 Accuracy: 0.723611 F1 Score: 0.348647
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651832 Accuracy: 0.723549 F1 Score: 0.348983
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651328 Accuracy: 0.723807 F1 Score: 0.348994
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651533 Accuracy: 0.723639 F1 Score: 0.348819
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651408 Accuracy: 0.723790 F1 Score: 0.348787
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651919 Accuracy: 0.723305 F1 Score: 0.348472
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651704 Accuracy: 0.723456 F1 Score: 0.348428
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652120 Accuracy: 0.723079 F1 Score: 0.348158
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652287 Accuracy: 0.723019 F1 Score: 0.348041
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652299 Accuracy: 0.723064 F1 Score: 0.347967
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652707 Accuracy: 0.722794 F1 Score: 0.347765
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652444 Accuracy: 0.722945 F1 Score: 0.348087
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652377 Accuracy: 0.722990 F1 Score: 0.348013
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652349 Accuracy: 0.722826 F1 Score: 0.347866
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652163 Accuracy: 0.722871 F1 Score: 0.347782
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652459 Accuracy: 0.722708 F1 Score: 0.347601
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652113 Accuracy: 0.722858 F1 Score: 0.347571
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652040 Accuracy: 0.723007 F1 Score: 0.347540
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652124 Accuracy: 0.722948 F1 Score: 0.347414
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651875 Accuracy: 0.723096 F1 Score: 0.347373
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651433 Accuracy: 0.723347 F1 Score: 0.347384
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651226 Accuracy: 0.723391 F1 Score: 0.347312
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651309 Accuracy: 0.723332 F1 Score: 0.347643
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650907 Accuracy: 0.723581 F1 Score: 0.347666
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650638 Accuracy: 0.723727 F1 Score: 0.348077
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650607 Accuracy: 0.723873 F1 Score: 0.348392
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650278 Accuracy: 0.724018 F1 Score: 0.348361
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650001 Accuracy: 0.724060 F1 Score: 0.348301
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649753 Accuracy: 0.724205 F1 Score: 0.348601
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649373 Accuracy: 0.724450 F1 Score: 0.348623
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649069 Accuracy: 0.724695 F1 Score: 0.348964
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649378 Accuracy: 0.724432 F1 Score: 0.348743
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649660 Accuracy: 0.724271 F1 Score: 0.348906
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649707 Accuracy: 0.724211 F1 Score: 0.348769
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649344 Accuracy: 0.724354 F1 Score: 0.348738
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649027 Accuracy: 0.724597 F1 Score: 0.348748
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649001 Accuracy: 0.724537 F1 Score: 0.348623
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649118 Accuracy: 0.724377 F1 Score: 0.348904
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649329 Accuracy: 0.724318 F1 Score: 0.348780
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649761 Accuracy: 0.723958 F1 Score: 0.348522
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649370 Accuracy: 0.724100 F1 Score: 0.348491
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650023 Accuracy: 0.723542 F1 Score: 0.348165
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649827 Accuracy: 0.723585 F1 Score: 0.348106
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650302 Accuracy: 0.723328 F1 Score: 0.347892
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650232 Accuracy: 0.723470 F1 Score: 0.348184
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649993 Accuracy: 0.723611 F1 Score: 0.348595
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649725 Accuracy: 0.723752 F1 Score: 0.348553
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649554 Accuracy: 0.723892 F1 Score: 0.349281
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650001 Accuracy: 0.723637 F1 Score: 0.349078
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649795 Accuracy: 0.723778 F1 Score: 0.349036
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649759 Accuracy: 0.723819 F1 Score: 0.348943
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649685 Accuracy: 0.723958 F1 Score: 0.349336
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649683 Accuracy: 0.723938 F1 Score: 0.349336
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649674 Accuracy: 0.723999 F1 Score: 0.349242
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650161 Accuracy: 0.723746 F1 Score: 0.349472
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650799 Accuracy: 0.723396 F1 Score: 0.349185
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650954 Accuracy: 0.723340 F1 Score: 0.349064
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650728 Accuracy: 0.723576 F1 Score: 0.349413
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650642 Accuracy: 0.723618 F1 Score: 0.349343
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650519 Accuracy: 0.723756 F1 Score: 0.349740
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650462 Accuracy: 0.723700 F1 Score: 0.349642
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650409 Accuracy: 0.723740 F1 Score: 0.349560
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650197 Accuracy: 0.723878 F1 Score: 0.349530
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650241 Accuracy: 0.723821 F1 Score: 0.349422
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650152 Accuracy: 0.723958 F1 Score: 0.349380
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650187 Accuracy: 0.723806 F1 Score: 0.349221
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650043 Accuracy: 0.723846 F1 Score: 0.349152
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649999 Accuracy: 0.723790 F1 Score: 0.349022
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649795 Accuracy: 0.723926 F1 Score: 0.348981
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649900 Accuracy: 0.723775 F1 Score: 0.348835
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649786 Accuracy: 0.723719 F1 Score: 0.348728
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649938 Accuracy: 0.723664 F1 Score: 0.348610
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649831 Accuracy: 0.723704 F1 Score: 0.348531
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649372 Accuracy: 0.724030 F1 Score: 0.348911
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649554 Accuracy: 0.723879 F1 Score: 0.348743
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649502 Accuracy: 0.724014 F1 Score: 0.349145
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649528 Accuracy: 0.723958 F1 Score: 0.349028
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649242 Accuracy: 0.724187 F1 Score: 0.349037
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649401 Accuracy: 0.724131 F1 Score: 0.348920
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649209 Accuracy: 0.724170 F1 Score: 0.348841
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649308 Accuracy: 0.724115 F1 Score: 0.349153
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649250 Accuracy: 0.724154 F1 Score: 0.349062
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649165 Accuracy: 0.724287 F1 Score: 0.349448
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649192 Accuracy: 0.724325 F1 Score: 0.349684
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649072 Accuracy: 0.724364 F1 Score: 0.349617
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649379 Accuracy: 0.724122 F1 Score: 0.349425
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649710 Accuracy: 0.723974 F1 Score: 0.349584
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649993 Accuracy: 0.723826 F1 Score: 0.349741
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649841 Accuracy: 0.723958 F1 Score: 0.350532
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649618 Accuracy: 0.724090 F1 Score: 0.350515
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649237 Accuracy: 0.724314 F1 Score: 0.350523
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.648992 Accuracy: 0.724352 F1 Score: 0.350432
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649599 Accuracy: 0.724020 F1 Score: 0.350191
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649670 Accuracy: 0.724058 F1 Score: 0.350100
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.649882 Accuracy: 0.723912 F1 Score: 0.349947
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650371 Accuracy: 0.723582 F1 Score: 0.349674
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650627 Accuracy: 0.723529 F1 Score: 0.349571
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650857 Accuracy: 0.723385 F1 Score: 0.349823
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650719 Accuracy: 0.723515 F1 Score: 0.349794
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651005 Accuracy: 0.723371 F1 Score: 0.349643
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651005 Accuracy: 0.723371 F1 Score: 0.349643
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651070 Accuracy: 0.723227 F1 Score: 0.349893
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650874 Accuracy: 0.723449 F1 Score: 0.349914
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651250 Accuracy: 0.723305 F1 Score: 0.349740
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651364 Accuracy: 0.723162 F1 Score: 0.349554
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651109 Accuracy: 0.723292 F1 Score: 0.349503
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650903 Accuracy: 0.723422 F1 Score: 0.349487
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651319 Accuracy: 0.723188 F1 Score: 0.349290
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651200 Accuracy: 0.723227 F1 Score: 0.349529
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651126 Accuracy: 0.723266 F1 Score: 0.349442
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650834 Accuracy: 0.723485 F1 Score: 0.349742
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650701 Accuracy: 0.723433 F1 Score: 0.349619
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650471 Accuracy: 0.723471 F1 Score: 0.349566
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650650 Accuracy: 0.723420 F1 Score: 0.349454
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650767 Accuracy: 0.723368 F1 Score: 0.349643
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650871 Accuracy: 0.723227 F1 Score: 0.349484
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650826 Accuracy: 0.723176 F1 Score: 0.349363
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650423 Accuracy: 0.723482 F1 Score: 0.349418
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650467 Accuracy: 0.723431 F1 Score: 0.349297
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650915 Accuracy: 0.723024 F1 Score: 0.349064
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651033 Accuracy: 0.723062 F1 Score: 0.349287
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650875 Accuracy: 0.723011 F1 Score: 0.349198
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650649 Accuracy: 0.723227 F1 Score: 0.349207
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650930 Accuracy: 0.723088 F1 Score: 0.349062
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650740 Accuracy: 0.723214 F1 Score: 0.349035
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651120 Accuracy: 0.722987 F1 Score: 0.348843
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650835 Accuracy: 0.723202 F1 Score: 0.348842
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650803 Accuracy: 0.723151 F1 Score: 0.348744
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651146 Accuracy: 0.722925 F1 Score: 0.348554
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651057 Accuracy: 0.722963 F1 Score: 0.348481
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651149 Accuracy: 0.722914 F1 Score: 0.348761
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651329 Accuracy: 0.722864 F1 Score: 0.348642
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651278 Accuracy: 0.722815 F1 Score: 0.348535
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651650 Accuracy: 0.722678 F1 Score: 0.348414
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652224 Accuracy: 0.722193 F1 Score: 0.348099
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652062 Accuracy: 0.722145 F1 Score: 0.348366
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652024 Accuracy: 0.722184 F1 Score: 0.348665
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652099 Accuracy: 0.722049 F1 Score: 0.348513
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652345 Accuracy: 0.722001 F1 Score: 0.348396
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652564 Accuracy: 0.721866 F1 Score: 0.348245
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652761 Accuracy: 0.721819 F1 Score: 0.348129
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653241 Accuracy: 0.721512 F1 Score: 0.347888
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653311 Accuracy: 0.721466 F1 Score: 0.347794
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653551 Accuracy: 0.721333 F1 Score: 0.347645
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653360 Accuracy: 0.721544 F1 Score: 0.347932
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653150 Accuracy: 0.721583 F1 Score: 0.347863
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653567 Accuracy: 0.721365 F1 Score: 0.347700
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653288 Accuracy: 0.721575 F1 Score: 0.348007
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653468 Accuracy: 0.721443 F1 Score: 0.348232
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653021 Accuracy: 0.721738 F1 Score: 0.348276
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653367 Accuracy: 0.721351 F1 Score: 0.348046
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653050 Accuracy: 0.721560 F1 Score: 0.348055
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653238 Accuracy: 0.721514 F1 Score: 0.347942
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653201 Accuracy: 0.721552 F1 Score: 0.348234
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652739 Accuracy: 0.721845 F1 Score: 0.348288
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653131 Accuracy: 0.721545 F1 Score: 0.348062
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653223 Accuracy: 0.721499 F1 Score: 0.347970
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653237 Accuracy: 0.721537 F1 Score: 0.347891
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653297 Accuracy: 0.721491 F1 Score: 0.348081
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653427 Accuracy: 0.721445 F1 Score: 0.347979
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653832 Accuracy: 0.721231 F1 Score: 0.347768
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653525 Accuracy: 0.721522 F1 Score: 0.347812
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653692 Accuracy: 0.721393 F1 Score: 0.347687
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653604 Accuracy: 0.721347 F1 Score: 0.347596
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653402 Accuracy: 0.721386 F1 Score: 0.347828
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653191 Accuracy: 0.721591 F1 Score: 0.347827
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653155 Accuracy: 0.721712 F1 Score: 0.348072
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653160 Accuracy: 0.721750 F1 Score: 0.347995
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652808 Accuracy: 0.721954 F1 Score: 0.347995
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652575 Accuracy: 0.722158 F1 Score: 0.348014
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652482 Accuracy: 0.722195 F1 Score: 0.347946
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652702 Accuracy: 0.722149 F1 Score: 0.347826
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652727 Accuracy: 0.722020 F1 Score: 0.347683
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652584 Accuracy: 0.722140 F1 Score: 0.348031
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652799 Accuracy: 0.722094 F1 Score: 0.347950
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652559 Accuracy: 0.722296 F1 Score: 0.348597
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652635 Accuracy: 0.722332 F1 Score: 0.348815
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652364 Accuracy: 0.722533 F1 Score: 0.348823
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652133 Accuracy: 0.722651 F1 Score: 0.348799
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652097 Accuracy: 0.722687 F1 Score: 0.348731
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652393 Accuracy: 0.722559 F1 Score: 0.348588
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652425 Accuracy: 0.722513 F1 Score: 0.348487
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652473 Accuracy: 0.722467 F1 Score: 0.348387
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652249 Accuracy: 0.722503 F1 Score: 0.348330
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652863 Accuracy: 0.722213 F1 Score: 0.348103
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652863 Accuracy: 0.722168 F1 Score: 0.348013
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652453 Accuracy: 0.722448 F1 Score: 0.348055
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653074 Accuracy: 0.722159 F1 Score: 0.347848
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653235 Accuracy: 0.722033 F1 Score: 0.347717
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653428 Accuracy: 0.721907 F1 Score: 0.347586
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653218 Accuracy: 0.722105 F1 Score: 0.347866
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653082 Accuracy: 0.722141 F1 Score: 0.348165
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653706 Accuracy: 0.721855 F1 Score: 0.347950
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653520 Accuracy: 0.721891 F1 Score: 0.347904
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653582 Accuracy: 0.721847 F1 Score: 0.347816
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653432 Accuracy: 0.721963 F1 Score: 0.348061
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653416 Accuracy: 0.721919 F1 Score: 0.347963
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653447 Accuracy: 0.721955 F1 Score: 0.347917
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653656 Accuracy: 0.721831 F1 Score: 0.347787
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653613 Accuracy: 0.721867 F1 Score: 0.347723
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653451 Accuracy: 0.721983 F1 Score: 0.347709
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653052 Accuracy: 0.722258 F1 Score: 0.347750
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653146 Accuracy: 0.722213 F1 Score: 0.347635
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652985 Accuracy: 0.722328 F1 Score: 0.347621
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652603 Accuracy: 0.722602 F1 Score: 0.347671
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652685 Accuracy: 0.722557 F1 Score: 0.347859
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652537 Accuracy: 0.722592 F1 Score: 0.347803
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652355 Accuracy: 0.722706 F1 Score: 0.347780
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651803 Accuracy: 0.723056 F1 Score: 0.347862
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651714 Accuracy: 0.723090 F1 Score: 0.348061
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652095 Accuracy: 0.722888 F1 Score: 0.348155
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652039 Accuracy: 0.722843 F1 Score: 0.348320
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652102 Accuracy: 0.722877 F1 Score: 0.348614
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652405 Accuracy: 0.722676 F1 Score: 0.348793
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652491 Accuracy: 0.722632 F1 Score: 0.348705
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652458 Accuracy: 0.722744 F1 Score: 0.348691
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652488 Accuracy: 0.722778 F1 Score: 0.348627
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652667 Accuracy: 0.722734 F1 Score: 0.348521
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652743 Accuracy: 0.722690 F1 Score: 0.348425
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652461 Accuracy: 0.722802 F1 Score: 0.348411
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652070 Accuracy: 0.722992 F1 Score: 0.348429
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652026 Accuracy: 0.723025 F1 Score: 0.348701
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651843 Accuracy: 0.723137 F1 Score: 0.348677
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652099 Accuracy: 0.723015 F1 Score: 0.348541
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652825 Accuracy: 0.722584 F1 Score: 0.348510
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652685 Accuracy: 0.722695 F1 Score: 0.348487
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652774 Accuracy: 0.722651 F1 Score: 0.348667
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652862 Accuracy: 0.722608 F1 Score: 0.348581
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652589 Accuracy: 0.722796 F1 Score: 0.348598
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652645 Accuracy: 0.722752 F1 Score: 0.348504
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652688 Accuracy: 0.722709 F1 Score: 0.348427
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652869 Accuracy: 0.722666 F1 Score: 0.348342
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652959 Accuracy: 0.722623 F1 Score: 0.348230
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652977 Accuracy: 0.722580 F1 Score: 0.348109
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653007 Accuracy: 0.722460 F1 Score: 0.347985
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653001 Accuracy: 0.722417 F1 Score: 0.347909
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652765 Accuracy: 0.722680 F1 Score: 0.347958
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652882 Accuracy: 0.722561 F1 Score: 0.348096
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652836 Accuracy: 0.722594 F1 Score: 0.348033
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653062 Accuracy: 0.722476 F1 Score: 0.347892
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652860 Accuracy: 0.722585 F1 Score: 0.347879
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652917 Accuracy: 0.722542 F1 Score: 0.347786
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652958 Accuracy: 0.722500 F1 Score: 0.347694
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653170 Accuracy: 0.722382 F1 Score: 0.347571
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653096 Accuracy: 0.722415 F1 Score: 0.347519
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653029 Accuracy: 0.722524 F1 Score: 0.347506
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652901 Accuracy: 0.722633 F1 Score: 0.347475
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652889 Accuracy: 0.722666 F1 Score: 0.347431
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652807 Accuracy: 0.722623 F1 Score: 0.347331
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652579 Accuracy: 0.722806 F1 Score: 0.347331
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652831 Accuracy: 0.722614 F1 Score: 0.347188
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653190 Accuracy: 0.722422 F1 Score: 0.347260
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652978 Accuracy: 0.722605 F1 Score: 0.347517
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653291 Accuracy: 0.722339 F1 Score: 0.347327
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653353 Accuracy: 0.722372 F1 Score: 0.348199
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653051 Accuracy: 0.722628 F1 Score: 0.348237
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652961 Accuracy: 0.722661 F1 Score: 0.348176
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652674 Accuracy: 0.722768 F1 Score: 0.348154
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652956 Accuracy: 0.722652 F1 Score: 0.348007
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652975 Accuracy: 0.722536 F1 Score: 0.347877
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652872 Accuracy: 0.722568 F1 Score: 0.347825
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652556 Accuracy: 0.722749 F1 Score: 0.347842
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652677 Accuracy: 0.722781 F1 Score: 0.347773
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652652 Accuracy: 0.722813 F1 Score: 0.348052
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652596 Accuracy: 0.722845 F1 Score: 0.348245
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652285 Accuracy: 0.723025 F1 Score: 0.348261
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652580 Accuracy: 0.722762 F1 Score: 0.348056
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652627 Accuracy: 0.722721 F1 Score: 0.347957
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652386 Accuracy: 0.722900 F1 Score: 0.347965
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652422 Accuracy: 0.722785 F1 Score: 0.347837
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652280 Accuracy: 0.722890 F1 Score: 0.347816
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652025 Accuracy: 0.723068 F1 Score: 0.347824
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651907 Accuracy: 0.723173 F1 Score: 0.347802
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651938 Accuracy: 0.723131 F1 Score: 0.347704
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652218 Accuracy: 0.722870 F1 Score: 0.347836
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652272 Accuracy: 0.722829 F1 Score: 0.347747
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652684 Accuracy: 0.722643 F1 Score: 0.347600
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652681 Accuracy: 0.722529 F1 Score: 0.347724
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653133 Accuracy: 0.722271 F1 Score: 0.347531
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653192 Accuracy: 0.722303 F1 Score: 0.347787
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652887 Accuracy: 0.722480 F1 Score: 0.347795
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653033 Accuracy: 0.722439 F1 Score: 0.347930
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652967 Accuracy: 0.722543 F1 Score: 0.347901
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653163 Accuracy: 0.722431 F1 Score: 0.347775
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653423 Accuracy: 0.722390 F1 Score: 0.347696
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653420 Accuracy: 0.722422 F1 Score: 0.347629
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653445 Accuracy: 0.722454 F1 Score: 0.347587
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653280 Accuracy: 0.722486 F1 Score: 0.347545
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653186 Accuracy: 0.722445 F1 Score: 0.347466
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653461 Accuracy: 0.722262 F1 Score: 0.347305
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653376 Accuracy: 0.722365 F1 Score: 0.347285
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653422 Accuracy: 0.722326 F1 Score: 0.347190
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653406 Accuracy: 0.722214 F1 Score: 0.347075
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653364 Accuracy: 0.722246 F1 Score: 0.347034
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653512 Accuracy: 0.722206 F1 Score: 0.346931
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653024 Accuracy: 0.722523 F1 Score: 0.347005
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653267 Accuracy: 0.722412 F1 Score: 0.346891
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653490 Accuracy: 0.722159 F1 Score: 0.346948
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653485 Accuracy: 0.722191 F1 Score: 0.347126
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653805 Accuracy: 0.722080 F1 Score: 0.347012
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653934 Accuracy: 0.721900 F1 Score: 0.346846
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653740 Accuracy: 0.721932 F1 Score: 0.347121
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653547 Accuracy: 0.722105 F1 Score: 0.347121
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653679 Accuracy: 0.722065 F1 Score: 0.347036
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653896 Accuracy: 0.721886 F1 Score: 0.346879
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.654134 Accuracy: 0.721706 F1 Score: 0.346737
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.654000 Accuracy: 0.721808 F1 Score: 0.346717
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653783 Accuracy: 0.721980 F1 Score: 0.346734
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653605 Accuracy: 0.722082 F1 Score: 0.347027
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653531 Accuracy: 0.722113 F1 Score: 0.346971
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653463 Accuracy: 0.722074 F1 Score: 0.346903
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653398 Accuracy: 0.722106 F1 Score: 0.346863
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653264 Accuracy: 0.722137 F1 Score: 0.346815
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653333 Accuracy: 0.722028 F1 Score: 0.346695
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653403 Accuracy: 0.721851 F1 Score: 0.346555
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653266 Accuracy: 0.721882 F1 Score: 0.346827
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653163 Accuracy: 0.721913 F1 Score: 0.346763
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653303 Accuracy: 0.721806 F1 Score: 0.346628
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653287 Accuracy: 0.721767 F1 Score: 0.346529
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653448 Accuracy: 0.721660 F1 Score: 0.346426
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653280 Accuracy: 0.721761 F1 Score: 0.346415
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653604 Accuracy: 0.721654 F1 Score: 0.346288
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653452 Accuracy: 0.721685 F1 Score: 0.346250
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653575 Accuracy: 0.721647 F1 Score: 0.346159
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653644 Accuracy: 0.721610 F1 Score: 0.346085
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653577 Accuracy: 0.721710 F1 Score: 0.346066
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653400 Accuracy: 0.721810 F1 Score: 0.346047
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653389 Accuracy: 0.721841 F1 Score: 0.346300
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653123 Accuracy: 0.722009 F1 Score: 0.346317
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653101 Accuracy: 0.721971 F1 Score: 0.346251
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653039 Accuracy: 0.722002 F1 Score: 0.346188
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653213 Accuracy: 0.721896 F1 Score: 0.346071
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653686 Accuracy: 0.721653 F1 Score: 0.345876
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653650 Accuracy: 0.721684 F1 Score: 0.345815
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653820 Accuracy: 0.721510 F1 Score: 0.345680
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653820 Accuracy: 0.721510 F1 Score: 0.345680
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653823 Accuracy: 0.721473 F1 Score: 0.345591
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653463 Accuracy: 0.721708 F1 Score: 0.345635
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653535 Accuracy: 0.721739 F1 Score: 0.345589
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653404 Accuracy: 0.721838 F1 Score: 0.345571
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653476 Accuracy: 0.721800 F1 Score: 0.345475
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653392 Accuracy: 0.721763 F1 Score: 0.345403
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653642 Accuracy: 0.721591 F1 Score: 0.345269
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653720 Accuracy: 0.721554 F1 Score: 0.345174
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653514 Accuracy: 0.721787 F1 Score: 0.345217
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653536 Accuracy: 0.721818 F1 Score: 0.345164
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653246 Accuracy: 0.722050 F1 Score: 0.345208
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653117 Accuracy: 0.722147 F1 Score: 0.345491
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653226 Accuracy: 0.722043 F1 Score: 0.345602
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653024 Accuracy: 0.722140 F1 Score: 0.345583
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653079 Accuracy: 0.722103 F1 Score: 0.345736
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.653079 Accuracy: 0.722066 F1 Score: 0.345641
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652869 Accuracy: 0.722230 F1 Score: 0.345649
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652880 Accuracy: 0.722259 F1 Score: 0.345589
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652682 Accuracy: 0.722423 F1 Score: 0.345605
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652735 Accuracy: 0.722452 F1 Score: 0.345776
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652756 Accuracy: 0.722481 F1 Score: 0.345716
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652667 Accuracy: 0.722577 F1 Score: 0.345920
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652609 Accuracy: 0.722606 F1 Score: 0.345867
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652820 Accuracy: 0.722503 F1 Score: 0.345754
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652642 Accuracy: 0.722665 F1 Score: 0.345977
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652798 Accuracy: 0.722561 F1 Score: 0.345850
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652609 Accuracy: 0.722722 F1 Score: 0.345865
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652655 Accuracy: 0.722553 F1 Score: 0.345726
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652730 Accuracy: 0.722516 F1 Score: 0.345654
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652640 Accuracy: 0.722545 F1 Score: 0.345610
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652308 Accuracy: 0.722706 F1 Score: 0.345625
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652221 Accuracy: 0.722866 F1 Score: 0.345633
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651873 Accuracy: 0.723026 F1 Score: 0.345648
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652109 Accuracy: 0.722792 F1 Score: 0.345491
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652063 Accuracy: 0.722820 F1 Score: 0.345425
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652227 Accuracy: 0.722718 F1 Score: 0.345328
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652384 Accuracy: 0.722550 F1 Score: 0.345198
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652176 Accuracy: 0.722709 F1 Score: 0.345214
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651996 Accuracy: 0.722803 F1 Score: 0.345196
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651576 Accuracy: 0.723093 F1 Score: 0.345482
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651673 Accuracy: 0.723056 F1 Score: 0.345404
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651667 Accuracy: 0.723149 F1 Score: 0.345604
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651579 Accuracy: 0.723177 F1 Score: 0.345546
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652134 Accuracy: 0.722880 F1 Score: 0.345344
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652168 Accuracy: 0.722908 F1 Score: 0.345300
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652239 Accuracy: 0.722936 F1 Score: 0.345256
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Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652293 Accuracy: 0.722899 F1 Score: 0.345179
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652247 Accuracy: 0.722927 F1 Score: 0.345128
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652118 Accuracy: 0.722955 F1 Score: 0.345084
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652056 Accuracy: 0.723048 F1 Score: 0.345352
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651977 Accuracy: 0.723140 F1 Score: 0.345327
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652108 Accuracy: 0.723104 F1 Score: 0.345257
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652033 Accuracy: 0.723131 F1 Score: 0.345207
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651813 Accuracy: 0.723223 F1 Score: 0.345189
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651636 Accuracy: 0.723380 F1 Score: 0.345190
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651434 Accuracy: 0.723407 F1 Score: 0.345146
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651459 Accuracy: 0.723306 F1 Score: 0.345052
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651398 Accuracy: 0.723269 F1 Score: 0.345191
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651480 Accuracy: 0.723233 F1 Score: 0.345122
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651956 Accuracy: 0.723004 F1 Score: 0.344956
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652078 Accuracy: 0.722904 F1 Score: 0.344834
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651981 Accuracy: 0.722995 F1 Score: 0.345106
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652171 Accuracy: 0.722959 F1 Score: 0.345230
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652266 Accuracy: 0.722987 F1 Score: 0.345187
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652081 Accuracy: 0.723142 F1 Score: 0.345415
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651993 Accuracy: 0.723169 F1 Score: 0.345659
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652103 Accuracy: 0.723069 F1 Score: 0.345558
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652343 Accuracy: 0.722779 F1 Score: 0.345367
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652267 Accuracy: 0.722870 F1 Score: 0.345336
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652332 Accuracy: 0.722898 F1 Score: 0.345498
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652052 Accuracy: 0.723052 F1 Score: 0.345506
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652146 Accuracy: 0.723079 F1 Score: 0.345661
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652176 Accuracy: 0.723106 F1 Score: 0.346033
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652262 Accuracy: 0.723007 F1 Score: 0.346204
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652437 Accuracy: 0.722845 F1 Score: 0.346064
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652393 Accuracy: 0.722873 F1 Score: 0.346021
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652060 Accuracy: 0.723089 F1 Score: 0.346060
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652240 Accuracy: 0.722990 F1 Score: 0.345960
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652390 Accuracy: 0.722892 F1 Score: 0.345847
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652325 Accuracy: 0.722919 F1 Score: 0.345804
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652255 Accuracy: 0.722946 F1 Score: 0.345761
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652299 Accuracy: 0.722848 F1 Score: 0.345655
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652179 Accuracy: 0.722938 F1 Score: 0.345631
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652123 Accuracy: 0.722965 F1 Score: 0.345588
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652092 Accuracy: 0.722992 F1 Score: 0.345545
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652239 Accuracy: 0.722894 F1 Score: 0.345642
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652043 Accuracy: 0.723045 F1 Score: 0.345649
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.652161 Accuracy: 0.723010 F1 Score: 0.345777
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651872 Accuracy: 0.723223 F1 Score: 0.345816
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651773 Accuracy: 0.723188 F1 Score: 0.345735
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651889 Accuracy: 0.723152 F1 Score: 0.345655
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651566 Accuracy: 0.723303 F1 Score: 0.345669
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651631 Accuracy: 0.723329 F1 Score: 0.345833
```
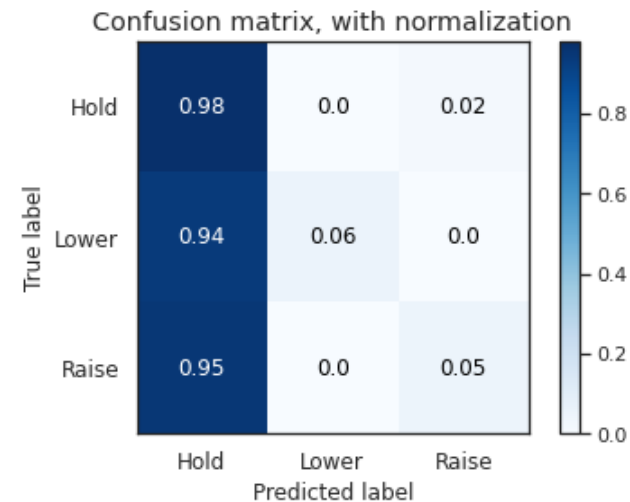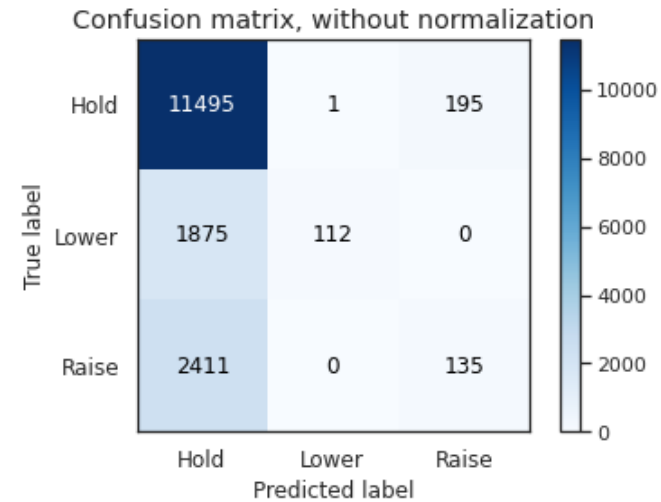
```
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651419 Accuracy: 0.723479 F1 Score: 0.345841
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.651264 Accuracy: 0.723567 F1 Score: 0.345829
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650978 Accuracy: 0.723778 F1 Score: 0.345867
Epoch: 3/3... Step: 1900... Loss: 0.783562... Val Loss: 0.650988 Accuracy: 0.723743 F1 Score: 0.345800
1900 steps in epoch 3

Epoch: 3, Average Accuracy: 0.72374260, Average f1: 0.34579971

<Figure size 432x288 with 0 Axes>
```


Confusion matrix, without normalization

Confusion matrix, with normalization

```
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.702479 Accuracy: 0.562500 F1 Score: 0.240000
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.587223 Accuracy: 0.718750 F1 Score: 0.278788
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.680683 Accuracy: 0.666667 F1 Score: 0.316239
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.654829 Accuracy: 0.703125 F1 Score: 0.351447
```

```
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.631741 Accuracy: 0.725000 F1 Score: 0.442792
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642070 Accuracy: 0.718750 F1 Score: 0.455067
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640772 Accuracy: 0.714286 F1 Score: 0.433157
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640395 Accuracy: 0.726562 F1 Score: 0.442925
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645523 Accuracy: 0.722222 F1 Score: 0.427820
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.654419 Accuracy: 0.725000 F1 Score: 0.417460
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.663891 Accuracy: 0.715909 F1 Score: 0.402209
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639604 Accuracy: 0.734375 F1 Score: 0.438785
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641797 Accuracy: 0.735577 F1 Score: 0.450866
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640967 Accuracy: 0.732143 F1 Score: 0.440158
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.656495 Accuracy: 0.720833 F1 Score: 0.423854
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.651864 Accuracy: 0.726562 F1 Score: 0.436786
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.654474 Accuracy: 0.716912 F1 Score: 0.423258
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647664 Accuracy: 0.718750 F1 Score: 0.425216
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.677239 Accuracy: 0.703947 F1 Score: 0.410077
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.680096 Accuracy: 0.703125 F1 Score: 0.410261
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.675674 Accuracy: 0.705357 F1 Score: 0.412242
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.683106 Accuracy: 0.701705 F1 Score: 0.415617
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.672276 Accuracy: 0.709239 F1 Score: 0.415414
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.678940 Accuracy: 0.703125 F1 Score: 0.412673
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.666840 Accuracy: 0.712500 F1 Score: 0.429265
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.658084 Accuracy: 0.718750 F1 Score: 0.433572
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.656324 Accuracy: 0.715278 F1 Score: 0.431104
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.653411 Accuracy: 0.716518 F1 Score: 0.427749
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647482 Accuracy: 0.721983 F1 Score: 0.436420
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645206 Accuracy: 0.720833 F1 Score: 0.432014
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644804 Accuracy: 0.717742 F1 Score: 0.426994
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641695 Accuracy: 0.716797 F1 Score: 0.422919
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644030 Accuracy: 0.712121 F1 Score: 0.417016
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644791 Accuracy: 0.713235 F1 Score: 0.418327
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645426 Accuracy: 0.714286 F1 Score: 0.419542
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643323 Accuracy: 0.713542 F1 Score: 0.419456
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.635725 Accuracy: 0.719595 F1 Score: 0.420531
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.629278 Accuracy: 0.723684 F1 Score: 0.420346
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.635527 Accuracy: 0.722756 F1 Score: 0.424091
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.633445 Accuracy: 0.725000 F1 Score: 0.425765
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.631776 Accuracy: 0.727134 F1 Score: 0.424049
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.630399 Accuracy: 0.727679 F1 Score: 0.424883
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639584 Accuracy: 0.722384 F1 Score: 0.419687
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.632552 Accuracy: 0.725852 F1 Score: 0.419529
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.636121 Accuracy: 0.725000 F1 Score: 0.417013
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641029 Accuracy: 0.722826 F1 Score: 0.413610
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642056 Accuracy: 0.723404 F1 Score: 0.415008
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.636433 Accuracy: 0.726562 F1 Score: 0.420576
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.638107 Accuracy: 0.725765 F1 Score: 0.420865
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641136 Accuracy: 0.723750 F1 Score: 0.417984
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649683 Accuracy: 0.716912 F1 Score: 0.411624
```

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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.652673 Accuracy: 0.715144 F1 Score: 0.408729
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646859 Accuracy: 0.719340 F1 Score: 0.413841
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643576 Accuracy: 0.721065 F1 Score: 0.413177
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645334 Accuracy: 0.719318 F1 Score: 0.410344
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642565 Accuracy: 0.722098 F1 Score: 0.414562
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642641 Accuracy: 0.722588 F1 Score: 0.413344
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643959 Accuracy: 0.721983 F1 Score: 0.410891
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.651188 Accuracy: 0.719280 F1 Score: 0.409897
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648380 Accuracy: 0.720833 F1 Score: 0.413934
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645821 Accuracy: 0.722336 F1 Score: 0.413589
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644180 Accuracy: 0.722782 F1 Score: 0.412257
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645244 Accuracy: 0.721230 F1 Score: 0.410292
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648373 Accuracy: 0.719727 F1 Score: 0.412251
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645079 Accuracy: 0.722115 F1 Score: 0.414007
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642645 Accuracy: 0.723485 F1 Score: 0.413467
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644144 Accuracy: 0.722948 F1 Score: 0.418887
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643271 Accuracy: 0.725184 F1 Score: 0.423983
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645072 Accuracy: 0.724638 F1 Score: 0.422209
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643954 Accuracy: 0.725893 F1 Score: 0.425340
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644950 Accuracy: 0.725352 F1 Score: 0.423614
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644462 Accuracy: 0.727431 F1 Score: 0.423676
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645045 Accuracy: 0.727740 F1 Score: 0.422652
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643348 Accuracy: 0.728041 F1 Score: 0.421204
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641715 Accuracy: 0.728333 F1 Score: 0.419585
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641055 Accuracy: 0.727796 F1 Score: 0.420900
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643181 Accuracy: 0.725649 F1 Score: 0.422799
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642214 Accuracy: 0.725962 F1 Score: 0.421800
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641187 Accuracy: 0.726266 F1 Score: 0.420656
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641362 Accuracy: 0.726562 F1 Score: 0.419531
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639618 Accuracy: 0.727623 F1 Score: 0.418826
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.638262 Accuracy: 0.728659 F1 Score: 0.418285
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.638439 Accuracy: 0.728916 F1 Score: 0.417200
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.637836 Accuracy: 0.729167 F1 Score: 0.416455
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.638284 Accuracy: 0.728676 F1 Score: 0.415030
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640537 Accuracy: 0.728198 F1 Score: 0.415231
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642467 Accuracy: 0.727730 F1 Score: 0.415582
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642983 Accuracy: 0.726562 F1 Score: 0.413384
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641265 Accuracy: 0.727528 F1 Score: 0.412611
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640684 Accuracy: 0.727778 F1 Score: 0.411652
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642276 Accuracy: 0.726648 F1 Score: 0.409732
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640731 Accuracy: 0.726902 F1 Score: 0.410456
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639843 Accuracy: 0.727823 F1 Score: 0.414073
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.638559 Accuracy: 0.728059 F1 Score: 0.413011
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639691 Accuracy: 0.727632 F1 Score: 0.411632
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640309 Accuracy: 0.726562 F1 Score: 0.409824
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641412 Accuracy: 0.726160 F1 Score: 0.411090
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640105 Accuracy: 0.727041 F1 Score: 0.414399
```

```
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.638699 Accuracy: 0.728535 F1 Score: 0.414290
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640033 Accuracy: 0.728125 F1 Score: 0.415324
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643688 Accuracy: 0.725866 F1 Score: 0.413008
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643640 Accuracy: 0.725490 F1 Score: 0.415316
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643114 Accuracy: 0.726335 F1 Score: 0.414876
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642522 Accuracy: 0.727163 F1 Score: 0.416649
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641426 Accuracy: 0.727381 F1 Score: 0.415791
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641056 Accuracy: 0.728184 F1 Score: 0.417498
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643879 Accuracy: 0.726051 F1 Score: 0.417336
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643641 Accuracy: 0.726273 F1 Score: 0.416567
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645582 Accuracy: 0.724771 F1 Score: 0.416708
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645988 Accuracy: 0.723864 F1 Score: 0.415119
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647374 Accuracy: 0.722410 F1 Score: 0.413367
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647348 Accuracy: 0.723214 F1 Score: 0.412968
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647437 Accuracy: 0.723451 F1 Score: 0.414054
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646400 Accuracy: 0.724232 F1 Score: 0.416382
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646013 Accuracy: 0.725000 F1 Score: 0.415857
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644593 Accuracy: 0.725216 F1 Score: 0.415030
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644293 Accuracy: 0.725427 F1 Score: 0.415618
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644073 Accuracy: 0.725636 F1 Score: 0.414918
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645312 Accuracy: 0.724265 F1 Score: 0.413106
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643355 Accuracy: 0.726042 F1 Score: 0.413370
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643031 Accuracy: 0.726240 F1 Score: 0.412583
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642589 Accuracy: 0.726947 F1 Score: 0.412150
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644668 Accuracy: 0.726118 F1 Score: 0.410859
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645455 Accuracy: 0.726310 F1 Score: 0.412803
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646284 Accuracy: 0.725000 F1 Score: 0.414087
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648644 Accuracy: 0.723214 F1 Score: 0.413400
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647680 Accuracy: 0.723917 F1 Score: 0.412992
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649190 Accuracy: 0.722168 F1 Score: 0.412272
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.651990 Accuracy: 0.721415 F1 Score: 0.411013
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.653699 Accuracy: 0.720673 F1 Score: 0.412140
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.651893 Accuracy: 0.721374 F1 Score: 0.412862
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.652175 Accuracy: 0.721591 F1 Score: 0.414494
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650979 Accuracy: 0.721805 F1 Score: 0.413733
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.651573 Accuracy: 0.721082 F1 Score: 0.412635
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650689 Accuracy: 0.721296 F1 Score: 0.411893
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650301 Accuracy: 0.721048 F1 Score: 0.413739
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650519 Accuracy: 0.720347 F1 Score: 0.413590
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648734 Accuracy: 0.721920 F1 Score: 0.416551
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647016 Accuracy: 0.723022 F1 Score: 0.419164
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646274 Accuracy: 0.723661 F1 Score: 0.418783
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645341 Accuracy: 0.724291 F1 Score: 0.419454
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646638 Accuracy: 0.722711 F1 Score: 0.418750
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646842 Accuracy: 0.722902 F1 Score: 0.418230
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645998 Accuracy: 0.723958 F1 Score: 0.420254
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644496 Accuracy: 0.724569 F1 Score: 0.419992
```

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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644498 Accuracy: 0.724569 F1 Score: 0.419992
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643968 Accuracy: 0.724743 F1 Score: 0.419375
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642384 Accuracy: 0.724915 F1 Score: 0.419652
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642763 Accuracy: 0.724662 F1 Score: 0.419739
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641220 Accuracy: 0.725671 F1 Score: 0.420643
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640567 Accuracy: 0.725833 F1 Score: 0.420098
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639106 Accuracy: 0.726821 F1 Score: 0.420989
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639570 Accuracy: 0.725740 F1 Score: 0.419466
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639214 Accuracy: 0.726307 F1 Score: 0.419107
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.638435 Accuracy: 0.726867 F1 Score: 0.418862
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639332 Accuracy: 0.726210 F1 Score: 0.419318
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639572 Accuracy: 0.725962 F1 Score: 0.418460
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640458 Accuracy: 0.726115 F1 Score: 0.419396
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639528 Accuracy: 0.727057 F1 Score: 0.420755
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641668 Accuracy: 0.726022 F1 Score: 0.420344
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641216 Accuracy: 0.725781 F1 Score: 0.419407
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640226 Accuracy: 0.726708 F1 Score: 0.420306
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639595 Accuracy: 0.726466 F1 Score: 0.419427
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639991 Accuracy: 0.725460 F1 Score: 0.418078
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640258 Accuracy: 0.725229 F1 Score: 0.417410
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641004 Accuracy: 0.725000 F1 Score: 0.417562
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640095 Accuracy: 0.725904 F1 Score: 0.419285
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641273 Accuracy: 0.724925 F1 Score: 0.419003
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642281 Accuracy: 0.724702 F1 Score: 0.419195
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643833 Accuracy: 0.723373 F1 Score: 0.417686
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642378 Accuracy: 0.724265 F1 Score: 0.418433
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641910 Accuracy: 0.724415 F1 Score: 0.417860
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642650 Accuracy: 0.723474 F1 Score: 0.416751
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643489 Accuracy: 0.721821 F1 Score: 0.414892
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642250 Accuracy: 0.722342 F1 Score: 0.414596
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643726 Accuracy: 0.721429 F1 Score: 0.414361
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644229 Accuracy: 0.720881 F1 Score: 0.413442
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644112 Accuracy: 0.721398 F1 Score: 0.413156
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644048 Accuracy: 0.720857 F1 Score: 0.412152
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645823 Accuracy: 0.719972 F1 Score: 0.411123
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646565 Accuracy: 0.720139 F1 Score: 0.411585
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645499 Accuracy: 0.720994 F1 Score: 0.412815
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646103 Accuracy: 0.720467 F1 Score: 0.411834
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645895 Accuracy: 0.720628 F1 Score: 0.412185
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646685 Accuracy: 0.720448 F1 Score: 0.412349
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646904 Accuracy: 0.720270 F1 Score: 0.412459
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647240 Accuracy: 0.719758 F1 Score: 0.414102
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646939 Accuracy: 0.719586 F1 Score: 0.413376
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646207 Accuracy: 0.719747 F1 Score: 0.414532
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647062 Accuracy: 0.719577 F1 Score: 0.413906
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646739 Accuracy: 0.720066 F1 Score: 0.413689
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646457 Accuracy: 0.720550 F1 Score: 0.414191
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646393 Accuracy: 0.720378 F1 Score: 0.413537
```

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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646293 Accuracy: 0.720378 F1 Score: 0.413527
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646098 Accuracy: 0.720531 F1 Score: 0.414224
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645498 Accuracy: 0.721327 F1 Score: 0.415691
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645755 Accuracy: 0.721474 F1 Score: 0.416045
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645571 Accuracy: 0.721620 F1 Score: 0.415559
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646880 Accuracy: 0.720495 F1 Score: 0.414390
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646881 Accuracy: 0.720328 F1 Score: 0.413746
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645696 Accuracy: 0.721106 F1 Score: 0.415587
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648170 Accuracy: 0.720000 F1 Score: 0.414435
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648573 Accuracy: 0.719527 F1 Score: 0.414359
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648041 Accuracy: 0.719678 F1 Score: 0.413942
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647589 Accuracy: 0.720135 F1 Score: 0.413693
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647340 Accuracy: 0.719363 F1 Score: 0.412651
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646980 Accuracy: 0.719817 F1 Score: 0.412408
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647319 Accuracy: 0.719964 F1 Score: 0.412003
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646214 Accuracy: 0.720713 F1 Score: 0.411924
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645963 Accuracy: 0.720553 F1 Score: 0.411274
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645891 Accuracy: 0.720096 F1 Score: 0.410472
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647048 Accuracy: 0.719345 F1 Score: 0.409602
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647157 Accuracy: 0.718898 F1 Score: 0.408775
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648237 Accuracy: 0.717866 F1 Score: 0.407768
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647797 Accuracy: 0.717723 F1 Score: 0.407936
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648407 Accuracy: 0.717290 F1 Score: 0.407256
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647500 Accuracy: 0.718023 F1 Score: 0.408340
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646302 Accuracy: 0.719039 F1 Score: 0.408466
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647295 Accuracy: 0.718606 F1 Score: 0.407832
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647887 Accuracy: 0.718177 F1 Score: 0.407680
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648309 Accuracy: 0.717466 F1 Score: 0.406700
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648139 Accuracy: 0.717898 F1 Score: 0.406488
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649045 Accuracy: 0.717195 F1 Score: 0.406681
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649361 Accuracy: 0.717342 F1 Score: 0.406323
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650410 Accuracy: 0.716648 F1 Score: 0.405373
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650434 Accuracy: 0.716797 F1 Score: 0.405768
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650094 Accuracy: 0.717222 F1 Score: 0.406270
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649675 Accuracy: 0.717644 F1 Score: 0.407079
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648940 Accuracy: 0.718337 F1 Score: 0.407093
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648854 Accuracy: 0.718476 F1 Score: 0.406741
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649513 Accuracy: 0.718341 F1 Score: 0.406869
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649290 Accuracy: 0.718750 F1 Score: 0.407320
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648969 Accuracy: 0.718615 F1 Score: 0.407403
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649106 Accuracy: 0.718750 F1 Score: 0.407056
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649050 Accuracy: 0.718616 F1 Score: 0.406533
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648129 Accuracy: 0.719284 F1 Score: 0.407791
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647681 Accuracy: 0.719415 F1 Score: 0.408122
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646759 Accuracy: 0.720074 F1 Score: 0.408057
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646451 Accuracy: 0.720200 F1 Score: 0.407676
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645996 Accuracy: 0.720063 F1 Score: 0.407121
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645099 Accuracy: 0.720450 F1 Score: 0.407902
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644122 Accuracy: 0.721094 F1 Score: 0.407839
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643757 Accuracy: 0.721214 F1 Score: 0.408124
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642665 Accuracy: 0.721849 F1 Score: 0.409032
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642751 Accuracy: 0.721708 F1 Score: 0.408519
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642129 Accuracy: 0.722080 F1 Score: 0.408970
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641294 Accuracy: 0.722449 F1 Score: 0.409349
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640292 Accuracy: 0.723069 F1 Score: 0.409893
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640715 Accuracy: 0.722925 F1 Score: 0.409990
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640782 Accuracy: 0.722782 F1 Score: 0.410153
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640706 Accuracy: 0.722892 F1 Score: 0.410973
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.639786 Accuracy: 0.723750 F1 Score: 0.412614
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640630 Accuracy: 0.723357 F1 Score: 0.411971
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640944 Accuracy: 0.723462 F1 Score: 0.412639
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641077 Accuracy: 0.723320 F1 Score: 0.413580
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640783 Accuracy: 0.723671 F1 Score: 0.414268
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640759 Accuracy: 0.723775 F1 Score: 0.413900
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640821 Accuracy: 0.723145 F1 Score: 0.413955
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641234 Accuracy: 0.722763 F1 Score: 0.413347
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641157 Accuracy: 0.722868 F1 Score: 0.413015
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640328 Accuracy: 0.723456 F1 Score: 0.413854
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640095 Accuracy: 0.723798 F1 Score: 0.413682
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640521 Accuracy: 0.723659 F1 Score: 0.414356
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640292 Accuracy: 0.724237 F1 Score: 0.415448
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640438 Accuracy: 0.724097 F1 Score: 0.415513
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640459 Accuracy: 0.724195 F1 Score: 0.415710
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640530 Accuracy: 0.724292 F1 Score: 0.416841
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641295 Accuracy: 0.723919 F1 Score: 0.416190
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641311 Accuracy: 0.724017 F1 Score: 0.416382
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641034 Accuracy: 0.724114 F1 Score: 0.416082
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641203 Accuracy: 0.723978 F1 Score: 0.415600
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641453 Accuracy: 0.723843 F1 Score: 0.416256
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642984 Accuracy: 0.722786 F1 Score: 0.415178
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643177 Accuracy: 0.722426 F1 Score: 0.415056
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642645 Accuracy: 0.722756 F1 Score: 0.414895
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643228 Accuracy: 0.722400 F1 Score: 0.415355
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643106 Accuracy: 0.722500 F1 Score: 0.415865
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642788 Accuracy: 0.722373 F1 Score: 0.415346
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642854 Accuracy: 0.722473 F1 Score: 0.415582
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643061 Accuracy: 0.722347 F1 Score: 0.415094
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642973 Accuracy: 0.722446 F1 Score: 0.416166
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642619 Accuracy: 0.722768 F1 Score: 0.415982
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643305 Accuracy: 0.722642 F1 Score: 0.415549
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642695 Accuracy: 0.722961 F1 Score: 0.415392
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642381 Accuracy: 0.723057 F1 Score: 0.415086
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642030 Accuracy: 0.723151 F1 Score: 0.415580
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.640925 Accuracy: 0.723684 F1 Score: 0.415523
```

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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.641889 Accuracy: 0.723121 F1 Score: 0.415263
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642455 Accuracy: 0.722561 F1 Score: 0.414546
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642932 Accuracy: 0.722439 F1 Score: 0.414653
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642836 Accuracy: 0.722751 F1 Score: 0.414501
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643010 Accuracy: 0.722629 F1 Score: 0.415368
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643204 Accuracy: 0.722294 F1 Score: 0.414829
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643205 Accuracy: 0.722389 F1 Score: 0.415032
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642920 Accuracy: 0.722696 F1 Score: 0.416171
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643431 Accuracy: 0.721939 F1 Score: 0.415793
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644860 Accuracy: 0.720975 F1 Score: 0.414859
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645336 Accuracy: 0.720650 F1 Score: 0.415091
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645273 Accuracy: 0.720539 F1 Score: 0.414640
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644898 Accuracy: 0.720847 F1 Score: 0.414451
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644123 Accuracy: 0.721154 F1 Score: 0.415058
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643434 Accuracy: 0.721250 F1 Score: 0.414772
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643413 Accuracy: 0.721346 F1 Score: 0.416217
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643033 Accuracy: 0.721854 F1 Score: 0.416188
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643587 Accuracy: 0.721535 F1 Score: 0.415645
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643757 Accuracy: 0.721217 F1 Score: 0.415604
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643894 Accuracy: 0.721107 F1 Score: 0.415205
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644047 Accuracy: 0.720997 F1 Score: 0.414747
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643703 Accuracy: 0.721091 F1 Score: 0.414468
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643600 Accuracy: 0.721185 F1 Score: 0.414211
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642405 Accuracy: 0.722087 F1 Score: 0.414433
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642503 Accuracy: 0.721976 F1 Score: 0.414492
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642656 Accuracy: 0.721865 F1 Score: 0.414550
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.642565 Accuracy: 0.722155 F1 Score: 0.414388
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.643629 Accuracy: 0.721446 F1 Score: 0.413602
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.644082 Accuracy: 0.720939 F1 Score: 0.412934
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645487 Accuracy: 0.720238 F1 Score: 0.412180
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646388 Accuracy: 0.720134 F1 Score: 0.413309
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646927 Accuracy: 0.719637 F1 Score: 0.413150
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646379 Accuracy: 0.719929 F1 Score: 0.413454
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646451 Accuracy: 0.720024 F1 Score: 0.414645
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646252 Accuracy: 0.720117 F1 Score: 0.414397
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646700 Accuracy: 0.719821 F1 Score: 0.413892
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647120 Accuracy: 0.719332 F1 Score: 0.413224
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647842 Accuracy: 0.719040 F1 Score: 0.413466
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647816 Accuracy: 0.719136 F1 Score: 0.413886
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648499 Accuracy: 0.718654 F1 Score: 0.413279
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648595 Accuracy: 0.718558 F1 Score: 0.412929
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648868 Accuracy: 0.718081 F1 Score: 0.412330
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648957 Accuracy: 0.717988 F1 Score: 0.411968
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648639 Accuracy: 0.718275 F1 Score: 0.412272
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647610 Accuracy: 0.719129 F1 Score: 0.412931
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647025 Accuracy: 0.719222 F1 Score: 0.412640
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646806 Accuracy: 0.719127 F1 Score: 0.412299
```

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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646585 Accuracy: 0.719032 F1 Score: 0.411941
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646187 Accuracy: 0.719124 F1 Score: 0.411673
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646642 Accuracy: 0.718657 F1 Score: 0.411037
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646653 Accuracy: 0.718564 F1 Score: 0.410686
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646712 Accuracy: 0.718286 F1 Score: 0.410197
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647130 Accuracy: 0.718195 F1 Score: 0.409868
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647704 Accuracy: 0.717736 F1 Score: 0.409336
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647624 Accuracy: 0.717647 F1 Score: 0.408975
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646821 Accuracy: 0.718292 F1 Score: 0.409059
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646464 Accuracy: 0.718385 F1 Score: 0.409222
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646400 Accuracy: 0.718477 F1 Score: 0.409419
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646392 Accuracy: 0.718387 F1 Score: 0.409080
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646621 Accuracy: 0.718297 F1 Score: 0.409404
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646181 Accuracy: 0.718389 F1 Score: 0.409149
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646318 Accuracy: 0.718300 F1 Score: 0.408813
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646165 Accuracy: 0.718391 F1 Score: 0.409233
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645796 Accuracy: 0.718660 F1 Score: 0.409115
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646198 Accuracy: 0.718393 F1 Score: 0.408681
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646742 Accuracy: 0.717593 F1 Score: 0.407886
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646982 Accuracy: 0.717507 F1 Score: 0.407986
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647712 Accuracy: 0.717245 F1 Score: 0.407988
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648355 Accuracy: 0.716631 F1 Score: 0.407300
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648625 Accuracy: 0.716373 F1 Score: 0.407269
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648161 Accuracy: 0.716468 F1 Score: 0.407026
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648157 Accuracy: 0.716737 F1 Score: 0.406916
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648523 Accuracy: 0.716830 F1 Score: 0.407130
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648290 Accuracy: 0.716748 F1 Score: 0.406812
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647975 Accuracy: 0.717187 F1 Score: 0.406816
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647757 Accuracy: 0.717278 F1 Score: 0.406576
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647022 Accuracy: 0.717714 F1 Score: 0.406960
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647507 Accuracy: 0.717114 F1 Score: 0.406345
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647911 Accuracy: 0.716861 F1 Score: 0.406566
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647984 Accuracy: 0.716781 F1 Score: 0.407495
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647415 Accuracy: 0.717042 F1 Score: 0.407369
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646785 Accuracy: 0.717302 F1 Score: 0.407859
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645990 Accuracy: 0.717731 F1 Score: 0.408256
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645357 Accuracy: 0.717988 F1 Score: 0.408162
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645988 Accuracy: 0.717568 F1 Score: 0.407629
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646570 Accuracy: 0.716981 F1 Score: 0.407006
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646154 Accuracy: 0.717574 F1 Score: 0.408116
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646924 Accuracy: 0.717158 F1 Score: 0.407603
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647527 Accuracy: 0.716912 F1 Score: 0.407186
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648526 Accuracy: 0.716000 F1 Score: 0.406389
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648069 Accuracy: 0.716090 F1 Score: 0.407565
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647566 Accuracy: 0.716180 F1 Score: 0.407336
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647843 Accuracy: 0.715774 F1 Score: 0.406834
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647376 Accuracy: 0.716029 F1 Score: 0.407289
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647623 Accuracy: 0.716118 F1 Score: 0.408236
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648025 Accuracy: 0.716043 F1 Score: 0.407918
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648043 Accuracy: 0.715969 F1 Score: 0.408013
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647927 Accuracy: 0.716221 F1 Score: 0.408701
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647499 Accuracy: 0.716471 F1 Score: 0.408567
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647069 Accuracy: 0.716883 F1 Score: 0.409525
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646430 Accuracy: 0.717293 F1 Score: 0.409509
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646399 Accuracy: 0.716731 F1 Score: 0.408920
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646222 Accuracy: 0.716656 F1 Score: 0.408591
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646317 Accuracy: 0.716902 F1 Score: 0.408486
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646365 Accuracy: 0.716667 F1 Score: 0.408070
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646529 Accuracy: 0.716752 F1 Score: 0.408836
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646521 Accuracy: 0.716837 F1 Score: 0.408656
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646996 Accuracy: 0.716444 F1 Score: 0.408154
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646352 Accuracy: 0.716846 F1 Score: 0.408513
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645928 Accuracy: 0.717089 F1 Score: 0.409729
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646300 Accuracy: 0.717172 F1 Score: 0.409933
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646619 Accuracy: 0.716940 F1 Score: 0.409902
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645920 Accuracy: 0.717337 F1 Score: 0.410444
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645533 Accuracy: 0.717575 F1 Score: 0.410326
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.645411 Accuracy: 0.717656 F1 Score: 0.410119
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646464 Accuracy: 0.716958 F1 Score: 0.409447
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646951 Accuracy: 0.716573 F1 Score: 0.409505
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646485 Accuracy: 0.716656 F1 Score: 0.409275
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646980 Accuracy: 0.716429 F1 Score: 0.409445
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646620 Accuracy: 0.716821 F1 Score: 0.409820
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646886 Accuracy: 0.716749 F1 Score: 0.409517
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646739 Accuracy: 0.717138 F1 Score: 0.410045
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646947 Accuracy: 0.716912 F1 Score: 0.409644
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647630 Accuracy: 0.716687 F1 Score: 0.409270
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647830 Accuracy: 0.716616 F1 Score: 0.409521
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647486 Accuracy: 0.716545 F1 Score: 0.409211
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647656 Accuracy: 0.716475 F1 Score: 0.409447
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647387 Accuracy: 0.716556 F1 Score: 0.409225
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647654 Accuracy: 0.716636 F1 Score: 0.409016
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647776 Accuracy: 0.716416 F1 Score: 0.408625
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647593 Accuracy: 0.716196 F1 Score: 0.408236
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647401 Accuracy: 0.716427 F1 Score: 0.408655
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647854 Accuracy: 0.716208 F1 Score: 0.408657
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647703 Accuracy: 0.716438 F1 Score: 0.408558
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647584 Accuracy: 0.716369 F1 Score: 0.408634
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647320 Accuracy: 0.716449 F1 Score: 0.408430
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647558 Accuracy: 0.716380 F1 Score: 0.408495
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647678 Accuracy: 0.716312 F1 Score: 0.408739
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647900 Accuracy: 0.716244 F1 Score: 0.408463
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648533 Accuracy: 0.715735 F1 Score: 0.408783
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648666 Accuracy: 0.715322 F1 Score: 0.408594
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648558 Accuracy: 0.715310 F1 Score: 0.408027
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648416 Accuracy: 0.715245 F1 Score: 0.408267
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648464 Accuracy: 0.715035 F1 Score: 0.407902
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648641 Accuracy: 0.714971 F1 Score: 0.407612
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648175 Accuracy: 0.715197 F1 Score: 0.407527
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648154 Accuracy: 0.715133 F1 Score: 0.407239
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647655 Accuracy: 0.715502 F1 Score: 0.407227
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648449 Accuracy: 0.715150 F1 Score: 0.406768
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648280 Accuracy: 0.715230 F1 Score: 0.406593
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647918 Accuracy: 0.715596 F1 Score: 0.407588
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647874 Accuracy: 0.715532 F1 Score: 0.407304
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648018 Accuracy: 0.715468 F1 Score: 0.407545
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647373 Accuracy: 0.715831 F1 Score: 0.407533
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647247 Accuracy: 0.715909 F1 Score: 0.407702
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647863 Accuracy: 0.715561 F1 Score: 0.407274
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648134 Accuracy: 0.715498 F1 Score: 0.407019
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647950 Accuracy: 0.715858 F1 Score: 0.407359
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648125 Accuracy: 0.715653 F1 Score: 0.407348
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648060 Accuracy: 0.715730 F1 Score: 0.407666
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647603 Accuracy: 0.715947 F1 Score: 0.407556
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647541 Accuracy: 0.715884 F1 Score: 0.407303
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647477 Accuracy: 0.715820 F1 Score: 0.407373
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647163 Accuracy: 0.716036 F1 Score: 0.407618
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647346 Accuracy: 0.715833 F1 Score: 0.407271
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647467 Accuracy: 0.715493 F1 Score: 0.407180
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648238 Accuracy: 0.715017 F1 Score: 0.406660
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648318 Accuracy: 0.715232 F1 Score: 0.406571
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648285 Accuracy: 0.715171 F1 Score: 0.406307
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648608 Accuracy: 0.715110 F1 Score: 0.406053
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648172 Accuracy: 0.715186 F1 Score: 0.405869
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648566 Accuracy: 0.714989 F1 Score: 0.405871
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648781 Accuracy: 0.714793 F1 Score: 0.406201
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648784 Accuracy: 0.714869 F1 Score: 0.406018
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649086 Accuracy: 0.714674 F1 Score: 0.406151
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649369 Accuracy: 0.714479 F1 Score: 0.405825
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649608 Accuracy: 0.714286 F1 Score: 0.406625
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649779 Accuracy: 0.714228 F1 Score: 0.407041
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649569 Accuracy: 0.714440 F1 Score: 0.407276
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649172 Accuracy: 0.714785 F1 Score: 0.407265
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649106 Accuracy: 0.714726 F1 Score: 0.407346
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649380 Accuracy: 0.714802 F1 Score: 0.407184
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649436 Accuracy: 0.715011 F1 Score: 0.407567
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649031 Accuracy: 0.715352 F1 Score: 0.407547
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649200 Accuracy: 0.715027 F1 Score: 0.407139
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648745 Accuracy: 0.715366 F1 Score: 0.407456
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648621 Accuracy: 0.715175 F1 Score: 0.407117
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648894 Accuracy: 0.715116 F1 Score: 0.407197
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649079 Accuracy: 0.715058 F1 Score: 0.407426
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648691 Accuracy: 0.715263 F1 Score: 0.408260
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648714 Accuracy: 0.715074 F1 Score: 0.408246
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648298 Accuracy: 0.715409 F1 Score: 0.408235
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648101 Accuracy: 0.715481 F1 Score: 0.408521
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648259 Accuracy: 0.715423 F1 Score: 0.408276
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648198 Accuracy: 0.715365 F1 Score: 0.408346
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647816 Accuracy: 0.715696 F1 Score: 0.409238
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647812 Accuracy: 0.715768 F1 Score: 0.409068
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647728 Accuracy: 0.715968 F1 Score: 0.409302
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647906 Accuracy: 0.715909 F1 Score: 0.409042
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648481 Accuracy: 0.715722 F1 Score: 0.408725
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648502 Accuracy: 0.715664 F1 Score: 0.409436
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647925 Accuracy: 0.715862 F1 Score: 0.409350
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647718 Accuracy: 0.715676 F1 Score: 0.409027
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646941 Accuracy: 0.716258 F1 Score: 0.409171
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647694 Accuracy: 0.715944 F1 Score: 0.408776
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647785 Accuracy: 0.715886 F1 Score: 0.409147
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647415 Accuracy: 0.716209 F1 Score: 0.409448
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647303 Accuracy: 0.716405 F1 Score: 0.409986
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647232 Accuracy: 0.716346 F1 Score: 0.409738
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647380 Accuracy: 0.716162 F1 Score: 0.409438
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647239 Accuracy: 0.716104 F1 Score: 0.409182
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646614 Accuracy: 0.716549 F1 Score: 0.409242
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646631 Accuracy: 0.716491 F1 Score: 0.408996
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647083 Accuracy: 0.716433 F1 Score: 0.408761
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646683 Accuracy: 0.716750 F1 Score: 0.408749
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646770 Accuracy: 0.716692 F1 Score: 0.408515
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646450 Accuracy: 0.716882 F1 Score: 0.408722
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646820 Accuracy: 0.716451 F1 Score: 0.408267
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646652 Accuracy: 0.716518 F1 Score: 0.408708
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647265 Accuracy: 0.716213 F1 Score: 0.408611
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647245 Accuracy: 0.716033 F1 Score: 0.408584
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646925 Accuracy: 0.716100 F1 Score: 0.408715
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647388 Accuracy: 0.715797 F1 Score: 0.408337
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647323 Accuracy: 0.715987 F1 Score: 0.408690
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647058 Accuracy: 0.716054 F1 Score: 0.409261
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647729 Accuracy: 0.715876 F1 Score: 0.409391
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647886 Accuracy: 0.715820 F1 Score: 0.409153
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648096 Accuracy: 0.715765 F1 Score: 0.409648
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648087 Accuracy: 0.715710 F1 Score: 0.409420
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648337 Accuracy: 0.715777 F1 Score: 0.409261
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648572 Accuracy: 0.715601 F1 Score: 0.408956
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648413 Accuracy: 0.715788 F1 Score: 0.409450
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647729 Accuracy: 0.716216 F1 Score: 0.409508
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647394 Accuracy: 0.716040 F1 Score: 0.409204
```

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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647490 Accuracy: 0.715986 F1 Score: 0.408979
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647052 Accuracy: 0.716171 F1 Score: 0.408900
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647370 Accuracy: 0.715996 F1 Score: 0.408598
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647392 Accuracy: 0.716061 F1 Score: 0.409039
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647015 Accuracy: 0.716365 F1 Score: 0.409310
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647109 Accuracy: 0.716429 F1 Score: 0.409573
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647396 Accuracy: 0.716374 F1 Score: 0.409650
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647850 Accuracy: 0.716319 F1 Score: 0.409437
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647444 Accuracy: 0.716619 F1 Score: 0.409716
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647661 Accuracy: 0.716446 F1 Score: 0.409706
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647344 Accuracy: 0.716745 F1 Score: 0.409705
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646876 Accuracy: 0.717043 F1 Score: 0.409981
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646435 Accuracy: 0.717340 F1 Score: 0.409969
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646628 Accuracy: 0.717402 F1 Score: 0.410092
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646455 Accuracy: 0.717580 F1 Score: 0.410289
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646733 Accuracy: 0.717523 F1 Score: 0.410058
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646710 Accuracy: 0.717351 F1 Score: 0.409752
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646868 Accuracy: 0.717062 F1 Score: 0.409382
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646770 Accuracy: 0.717124 F1 Score: 0.409514
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646896 Accuracy: 0.716953 F1 Score: 0.409210
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647066 Accuracy: 0.717014 F1 Score: 0.409362
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647042 Accuracy: 0.716844 F1 Score: 0.409342
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647018 Accuracy: 0.717020 F1 Score: 0.409817
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646702 Accuracy: 0.717196 F1 Score: 0.409752
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646648 Accuracy: 0.717142 F1 Score: 0.409515
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646451 Accuracy: 0.717087 F1 Score: 0.409290
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646894 Accuracy: 0.716690 F1 Score: 0.409120
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646976 Accuracy: 0.716522 F1 Score: 0.408833
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646991 Accuracy: 0.716697 F1 Score: 0.409291
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646677 Accuracy: 0.716985 F1 Score: 0.409270
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646743 Accuracy: 0.716705 F1 Score: 0.409164
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646409 Accuracy: 0.716878 F1 Score: 0.409069
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647027 Accuracy: 0.716486 F1 Score: 0.408618
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647051 Accuracy: 0.716320 F1 Score: 0.408315
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647312 Accuracy: 0.716155 F1 Score: 0.408447
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647334 Accuracy: 0.716329 F1 Score: 0.408646
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647558 Accuracy: 0.716052 F1 Score: 0.408292
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647193 Accuracy: 0.716113 F1 Score: 0.408128
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647330 Accuracy: 0.715950 F1 Score: 0.407857
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647427 Accuracy: 0.715787 F1 Score: 0.407560
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647407 Accuracy: 0.715848 F1 Score: 0.407407
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647513 Accuracy: 0.715798 F1 Score: 0.407192
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647560 Accuracy: 0.715747 F1 Score: 0.406978
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647499 Accuracy: 0.715808 F1 Score: 0.406818
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647497 Accuracy: 0.715869 F1 Score: 0.407213
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647473 Accuracy: 0.715929 F1 Score: 0.407071
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647382 Accuracy: 0.715879 F1 Score: 0.406850
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647276 Accuracy: 0.716049 F1 Score: 0.406771
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647198 Accuracy: 0.716219 F1 Score: 0.407355
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647616 Accuracy: 0.716059 F1 Score: 0.407477
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647836 Accuracy: 0.715899 F1 Score: 0.407590
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647831 Accuracy: 0.715740 F1 Score: 0.407309
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648049 Accuracy: 0.715691 F1 Score: 0.407107
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648303 Accuracy: 0.715532 F1 Score: 0.406812
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648142 Accuracy: 0.715483 F1 Score: 0.406611
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647907 Accuracy: 0.715761 F1 Score: 0.406603
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647879 Accuracy: 0.715712 F1 Score: 0.406403
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647976 Accuracy: 0.715555 F1 Score: 0.406390
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647915 Accuracy: 0.715614 F1 Score: 0.406641
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648605 Accuracy: 0.715242 F1 Score: 0.406260
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648544 Accuracy: 0.715086 F1 Score: 0.406231
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648839 Accuracy: 0.715039 F1 Score: 0.406050
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648944 Accuracy: 0.715099 F1 Score: 0.405906
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648835 Accuracy: 0.715159 F1 Score: 0.405770
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649041 Accuracy: 0.715004 F1 Score: 0.405766
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649933 Accuracy: 0.714530 F1 Score: 0.405300
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649776 Accuracy: 0.714484 F1 Score: 0.405481
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649363 Accuracy: 0.714864 F1 Score: 0.405542
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649543 Accuracy: 0.714817 F1 Score: 0.405599
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649342 Accuracy: 0.714983 F1 Score: 0.405790
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649753 Accuracy: 0.714725 F1 Score: 0.405719
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649582 Accuracy: 0.714784 F1 Score: 0.405585
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649829 Accuracy: 0.714527 F1 Score: 0.405515
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649854 Accuracy: 0.714481 F1 Score: 0.405307
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649910 Accuracy: 0.714541 F1 Score: 0.405167
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650176 Accuracy: 0.714286 F1 Score: 0.404828
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650030 Accuracy: 0.714555 F1 Score: 0.405329
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649899 Accuracy: 0.714510 F1 Score: 0.405131
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649769 Accuracy: 0.714360 F1 Score: 0.405112
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649630 Accuracy: 0.714420 F1 Score: 0.404981
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649797 Accuracy: 0.714271 F1 Score: 0.404727
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649423 Accuracy: 0.714226 F1 Score: 0.404907
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649421 Accuracy: 0.714286 F1 Score: 0.404777
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649648 Accuracy: 0.714034 F1 Score: 0.404466
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649366 Accuracy: 0.714094 F1 Score: 0.404344
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648854 Accuracy: 0.714360 F1 Score: 0.404338
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648636 Accuracy: 0.714418 F1 Score: 0.404202
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648636 Accuracy: 0.714271 F1 Score: 0.404323
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648243 Accuracy: 0.714535 F1 Score: 0.404310
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647954 Accuracy: 0.714594 F1 Score: 0.404560
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647891 Accuracy: 0.714652 F1 Score: 0.404674
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647633 Accuracy: 0.714914 F1 Score: 0.404916
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647265 Accuracy: 0.715074 F1 Score: 0.405341
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647099 Accuracy: 0.715029 F1 Score: 0.405155
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646724 Accuracy: 0.715187 F1 Score: 0.405076
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646472 Accuracy: 0.715346 F1 Score: 0.405267
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646805 Accuracy: 0.715097 F1 Score: 0.404953
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647203 Accuracy: 0.714951 F1 Score: 0.404951
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647325 Accuracy: 0.714907 F1 Score: 0.405012
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647003 Accuracy: 0.715065 F1 Score: 0.405194
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646823 Accuracy: 0.715121 F1 Score: 0.405075
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646778 Accuracy: 0.715076 F1 Score: 0.405128
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646847 Accuracy: 0.715032 F1 Score: 0.405545
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647014 Accuracy: 0.714888 F1 Score: 0.405299
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647603 Accuracy: 0.714643 F1 Score: 0.405232
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647214 Accuracy: 0.714900 F1 Score: 0.405467
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647585 Accuracy: 0.714457 F1 Score: 0.405264
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647350 Accuracy: 0.714514 F1 Score: 0.405363
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647748 Accuracy: 0.714271 F1 Score: 0.405056
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647605 Accuracy: 0.714328 F1 Score: 0.404932
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647407 Accuracy: 0.714484 F1 Score: 0.405223
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647225 Accuracy: 0.714639 F1 Score: 0.405162
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647054 Accuracy: 0.714794 F1 Score: 0.405943
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647617 Accuracy: 0.714455 F1 Score: 0.405567
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647365 Accuracy: 0.714610 F1 Score: 0.405506
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647427 Accuracy: 0.714567 F1 Score: 0.405335
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647365 Accuracy: 0.714721 F1 Score: 0.405630
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647523 Accuracy: 0.714580 F1 Score: 0.405404
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647809 Accuracy: 0.714244 F1 Score: 0.405393
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648571 Accuracy: 0.714006 F1 Score: 0.405351
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648689 Accuracy: 0.713965 F1 Score: 0.405166
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648611 Accuracy: 0.713924 F1 Score: 0.405218
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648567 Accuracy: 0.713882 F1 Score: 0.405034
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648354 Accuracy: 0.713939 F1 Score: 0.405255
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648200 Accuracy: 0.713898 F1 Score: 0.405532
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648148 Accuracy: 0.713953 F1 Score: 0.405411
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647981 Accuracy: 0.714009 F1 Score: 0.405282
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647913 Accuracy: 0.714065 F1 Score: 0.405386
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647891 Accuracy: 0.713927 F1 Score: 0.405157
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647901 Accuracy: 0.713790 F1 Score: 0.405154
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647777 Accuracy: 0.713750 F1 Score: 0.404973
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647708 Accuracy: 0.713806 F1 Score: 0.405200
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647584 Accuracy: 0.713957 F1 Score: 0.405140
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647663 Accuracy: 0.713821 F1 Score: 0.405130
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647418 Accuracy: 0.713972 F1 Score: 0.405523
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647584 Accuracy: 0.713931 F1 Score: 0.405343
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647422 Accuracy: 0.714082 F1 Score: 0.405513
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646989 Accuracy: 0.714422 F1 Score: 0.405788
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647099 Accuracy: 0.714381 F1 Score: 0.405844
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647048 Accuracy: 0.714530 F1 Score: 0.406113
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647103 Accuracy: 0.714394 F1 Score: 0.405873
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647105 Accuracy: 0.714594 F1 Score: 0.405875
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646833 Accuracy: 0.714637 F1 Score: 0.406094
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646978 Accuracy: 0.714596 F1 Score: 0.405914
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646794 Accuracy: 0.714649 F1 Score: 0.405795
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646656 Accuracy: 0.714797 F1 Score: 0.406522
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646695 Accuracy: 0.714850 F1 Score: 0.406410
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646586 Accuracy: 0.714996 F1 Score: 0.407023
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646584 Accuracy: 0.715049 F1 Score: 0.407128
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646493 Accuracy: 0.715101 F1 Score: 0.407001
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646629 Accuracy: 0.714966 F1 Score: 0.406987
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646990 Accuracy: 0.714739 F1 Score: 0.407142
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647220 Accuracy: 0.714605 F1 Score: 0.407356
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647090 Accuracy: 0.714658 F1 Score: 0.407902
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646930 Accuracy: 0.714710 F1 Score: 0.407776
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646598 Accuracy: 0.714948 F1 Score: 0.407997
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646357 Accuracy: 0.715093 F1 Score: 0.408271
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.646866 Accuracy: 0.714867 F1 Score: 0.408202
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647144 Accuracy: 0.714826 F1 Score: 0.408031
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647352 Accuracy: 0.714694 F1 Score: 0.407795
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647855 Accuracy: 0.714470 F1 Score: 0.407748
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647975 Accuracy: 0.714430 F1 Score: 0.407565
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648188 Accuracy: 0.714391 F1 Score: 0.407938
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648094 Accuracy: 0.714534 F1 Score: 0.407873
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648233 Accuracy: 0.714403 F1 Score: 0.407639
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648189 Accuracy: 0.714455 F1 Score: 0.408285
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648007 Accuracy: 0.714599 F1 Score: 0.408213
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648475 Accuracy: 0.714468 F1 Score: 0.407994
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648785 Accuracy: 0.714247 F1 Score: 0.407730
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648676 Accuracy: 0.714390 F1 Score: 0.408006
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648380 Accuracy: 0.714441 F1 Score: 0.407883
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648889 Accuracy: 0.714221 F1 Score: 0.407823
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648702 Accuracy: 0.714273 F1 Score: 0.407916
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648727 Accuracy: 0.714324 F1 Score: 0.407808
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648453 Accuracy: 0.714556 F1 Score: 0.408023
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648281 Accuracy: 0.714607 F1 Score: 0.408130
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647943 Accuracy: 0.714748 F1 Score: 0.408272
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648100 Accuracy: 0.714709 F1 Score: 0.408313
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648182 Accuracy: 0.714670 F1 Score: 0.408353
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648236 Accuracy: 0.714631 F1 Score: 0.408400
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648259 Accuracy: 0.714592 F1 Score: 0.408236
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.647933 Accuracy: 0.714821 F1 Score: 0.408229
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648165 Accuracy: 0.714693 F1 Score: 0.408016
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648484 Accuracy: 0.714387 F1 Score: 0.407869
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648661 Accuracy: 0.714349 F1 Score: 0.407698
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648361 Accuracy: 0.714489 F1 Score: 0.408048
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648183 Accuracy: 0.714716 F1 Score: 0.408042
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648475 Accuracy: 0.714501 F1 Score: 0.407765
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648441 Accuracy: 0.714551 F1 Score: 0.407652
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648441 Accuracy: 0.714551 F1 Score: 0.407653
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648596 Accuracy: 0.714424 F1 Score: 0.407852
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648338 Accuracy: 0.714651 F1 Score: 0.407854
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648201 Accuracy: 0.714613 F1 Score: 0.407995
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648577 Accuracy: 0.714399 F1 Score: 0.407929
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648504 Accuracy: 0.714537 F1 Score: 0.408081
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648462 Accuracy: 0.714586 F1 Score: 0.408595
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648696 Accuracy: 0.714548 F1 Score: 0.408433
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648612 Accuracy: 0.714598 F1 Score: 0.408528
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648780 Accuracy: 0.714473 F1 Score: 0.408290
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649260 Accuracy: 0.714086 F1 Score: 0.408439
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649134 Accuracy: 0.714136 F1 Score: 0.408953
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649186 Accuracy: 0.714186 F1 Score: 0.409463
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649249 Accuracy: 0.714149 F1 Score: 0.409506
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649595 Accuracy: 0.714026 F1 Score: 0.409296
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649827 Accuracy: 0.713989 F1 Score: 0.409341
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650104 Accuracy: 0.713866 F1 Score: 0.409132
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650623 Accuracy: 0.713570 F1 Score: 0.408826
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650700 Accuracy: 0.713448 F1 Score: 0.408598
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650961 Accuracy: 0.713326 F1 Score: 0.408385
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650803 Accuracy: 0.713549 F1 Score: 0.408589
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650558 Accuracy: 0.713599 F1 Score: 0.408480
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650852 Accuracy: 0.713392 F1 Score: 0.408198
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650545 Accuracy: 0.713613 F1 Score: 0.408389
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650745 Accuracy: 0.713663 F1 Score: 0.408995
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650298 Accuracy: 0.713969 F1 Score: 0.409044
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650536 Accuracy: 0.713677 F1 Score: 0.409007
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650116 Accuracy: 0.713896 F1 Score: 0.409000
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650347 Accuracy: 0.713861 F1 Score: 0.408843
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650388 Accuracy: 0.713910 F1 Score: 0.409251
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650001 Accuracy: 0.714128 F1 Score: 0.409245
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650289 Accuracy: 0.713838 F1 Score: 0.408931
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650307 Accuracy: 0.713802 F1 Score: 0.408962
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650369 Accuracy: 0.713767 F1 Score: 0.408806
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650323 Accuracy: 0.713731 F1 Score: 0.408837
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650635 Accuracy: 0.713612 F1 Score: 0.408628
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.651025 Accuracy: 0.713324 F1 Score: 0.408337
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650764 Accuracy: 0.713626 F1 Score: 0.408386
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650904 Accuracy: 0.713423 F1 Score: 0.408117
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650712 Accuracy: 0.713388 F1 Score: 0.407950
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650418 Accuracy: 0.713521 F1 Score: 0.408281
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650279 Accuracy: 0.713737 F1 Score: 0.408282
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650270 Accuracy: 0.713868 F1 Score: 0.408426
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650298 Accuracy: 0.713917 F1 Score: 0.408327
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650072 Accuracy: 0.714048 F1 Score: 0.408281
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649804 Accuracy: 0.714179 F1 Score: 0.408215
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649671 Accuracy: 0.714309 F1 Score: 0.408453
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650036 Accuracy: 0.714191 F1 Score: 0.408260
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649947 Accuracy: 0.714156 F1 Score: 0.408305
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649733 Accuracy: 0.714286 F1 Score: 0.408534
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649858 Accuracy: 0.714168 F1 Score: 0.408316
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649619 Accuracy: 0.714380 F1 Score: 0.408801
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649618 Accuracy: 0.714427 F1 Score: 0.408884
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649348 Accuracy: 0.714638 F1 Score: 0.408878
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649035 Accuracy: 0.714849 F1 Score: 0.409159
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649001 Accuracy: 0.714895 F1 Score: 0.409053
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649332 Accuracy: 0.714859 F1 Score: 0.409096
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649357 Accuracy: 0.714905 F1 Score: 0.409184
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649338 Accuracy: 0.714788 F1 Score: 0.408980
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649105 Accuracy: 0.714752 F1 Score: 0.409023
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649547 Accuracy: 0.714553 F1 Score: 0.408780
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649458 Accuracy: 0.714437 F1 Score: 0.408571
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649047 Accuracy: 0.714646 F1 Score: 0.408565
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649603 Accuracy: 0.714367 F1 Score: 0.408258
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649759 Accuracy: 0.714170 F1 Score: 0.408005
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649935 Accuracy: 0.713892 F1 Score: 0.407906
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649682 Accuracy: 0.714101 F1 Score: 0.408092
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649550 Accuracy: 0.714147 F1 Score: 0.408272
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650213 Accuracy: 0.713790 F1 Score: 0.407923
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650037 Accuracy: 0.713918 F1 Score: 0.408241
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650026 Accuracy: 0.713884 F1 Score: 0.408081
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650006 Accuracy: 0.713930 F1 Score: 0.407972
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650189 Accuracy: 0.713736 F1 Score: 0.407728
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650178 Accuracy: 0.713782 F1 Score: 0.407614
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650326 Accuracy: 0.713668 F1 Score: 0.407410
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650202 Accuracy: 0.713795 F1 Score: 0.407550
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650014 Accuracy: 0.713921 F1 Score: 0.407487
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649642 Accuracy: 0.714206 F1 Score: 0.407532
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649812 Accuracy: 0.714172 F1 Score: 0.407393
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649656 Accuracy: 0.714297 F1 Score: 0.407330
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649286 Accuracy: 0.714581 F1 Score: 0.407369
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649267 Accuracy: 0.714546 F1 Score: 0.407394
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649173 Accuracy: 0.714512 F1 Score: 0.407236
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649023 Accuracy: 0.714636 F1 Score: 0.407180
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648496 Accuracy: 0.714997 F1 Score: 0.407269
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648433 Accuracy: 0.715041 F1 Score: 0.407357
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648763 Accuracy: 0.714927 F1 Score: 0.407537
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648777 Accuracy: 0.714893 F1 Score: 0.407573
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648795 Accuracy: 0.714780 F1 Score: 0.407663
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649107 Accuracy: 0.714589 F1 Score: 0.407888
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649170 Accuracy: 0.714398 F1 Score: 0.407644
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649040 Accuracy: 0.714521 F1 Score: 0.407582
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649095 Accuracy: 0.714409 F1 Score: 0.407388
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649300 Accuracy: 0.714453 F1 Score: 0.407295
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649434 Accuracy: 0.714419 F1 Score: 0.407146
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649150 Accuracy: 0.714542 F1 Score: 0.407276
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648814 Accuracy: 0.714742 F1 Score: 0.407456
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648683 Accuracy: 0.714863 F1 Score: 0.407968
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648485 Accuracy: 0.714984 F1 Score: 0.408187
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648638 Accuracy: 0.714795 F1 Score: 0.407945
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649402 Accuracy: 0.714374 F1 Score: 0.407756
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649294 Accuracy: 0.714418 F1 Score: 0.407657
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649368 Accuracy: 0.714308 F1 Score: 0.408004
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649379 Accuracy: 0.714352 F1 Score: 0.408082
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649108 Accuracy: 0.714550 F1 Score: 0.408071
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649136 Accuracy: 0.714594 F1 Score: 0.408154
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649015 Accuracy: 0.714637 F1 Score: 0.408226
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649188 Accuracy: 0.714527 F1 Score: 0.408024
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649284 Accuracy: 0.714571 F1 Score: 0.408119
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649381 Accuracy: 0.714614 F1 Score: 0.408309
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649452 Accuracy: 0.714428 F1 Score: 0.408065
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649431 Accuracy: 0.714395 F1 Score: 0.408087
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649245 Accuracy: 0.714515 F1 Score: 0.408033
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649299 Accuracy: 0.714405 F1 Score: 0.408012
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649318 Accuracy: 0.714449 F1 Score: 0.407915
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649642 Accuracy: 0.714416 F1 Score: 0.408050
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649492 Accuracy: 0.714459 F1 Score: 0.407948
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649628 Accuracy: 0.714351 F1 Score: 0.407944
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649621 Accuracy: 0.714394 F1 Score: 0.408027
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649866 Accuracy: 0.714210 F1 Score: 0.407969
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649806 Accuracy: 0.714253 F1 Score: 0.407867
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649678 Accuracy: 0.714296 F1 Score: 0.407760
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649579 Accuracy: 0.714490 F1 Score: 0.407938
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649454 Accuracy: 0.714533 F1 Score: 0.407830
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649338 Accuracy: 0.714501 F1 Score: 0.407692
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649159 Accuracy: 0.714694 F1 Score: 0.407692
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649340 Accuracy: 0.714511 F1 Score: 0.407447
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649740 Accuracy: 0.714254 F1 Score: 0.407178
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649538 Accuracy: 0.714371 F1 Score: 0.407307
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649748 Accuracy: 0.714115 F1 Score: 0.407210
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649638 Accuracy: 0.714083 F1 Score: 0.407599
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649459 Accuracy: 0.714051 F1 Score: 0.407462
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649484 Accuracy: 0.714169 F1 Score: 0.407590
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649191 Accuracy: 0.714360 F1 Score: 0.407850
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649510 Accuracy: 0.714254 F1 Score: 0.407676
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649470 Accuracy: 0.714222 F1 Score: 0.407715
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649315 Accuracy: 0.714190 F1 Score: 0.407574
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648951 Accuracy: 0.714455 F1 Score: 0.407785
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649106 Accuracy: 0.714423 F1 Score: 0.407649
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649022 Accuracy: 0.714539 F1 Score: 0.408039
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648975 Accuracy: 0.714581 F1 Score: 0.408114
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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648768 Accuracy: 0.714549 F1 Score: 0.407972
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649130 Accuracy: 0.714296 F1 Score: 0.407707
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649325 Accuracy: 0.714191 F1 Score: 0.407525
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649090 Accuracy: 0.714380 F1 Score: 0.407520
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649157 Accuracy: 0.714202 F1 Score: 0.407297
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649116 Accuracy: 0.714244 F1 Score: 0.407204
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648930 Accuracy: 0.714359 F1 Score: 0.407152
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648807 Accuracy: 0.714474 F1 Score: 0.407101
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648838 Accuracy: 0.714442 F1 Score: 0.406967
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649154 Accuracy: 0.714192 F1 Score: 0.406970
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649223 Accuracy: 0.714161 F1 Score: 0.406831
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649464 Accuracy: 0.714057 F1 Score: 0.406819
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649415 Accuracy: 0.713953 F1 Score: 0.406807
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649765 Accuracy: 0.713705 F1 Score: 0.406541
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649852 Accuracy: 0.713675 F1 Score: 0.406677
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649572 Accuracy: 0.713862 F1 Score: 0.406673
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649742 Accuracy: 0.713903 F1 Score: 0.407020
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649653 Accuracy: 0.713945 F1 Score: 0.406934
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649920 Accuracy: 0.713698 F1 Score: 0.406665
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650160 Accuracy: 0.713524 F1 Score: 0.406442
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650190 Accuracy: 0.713566 F1 Score: 0.406356
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650073 Accuracy: 0.713608 F1 Score: 0.406255
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649966 Accuracy: 0.713506 F1 Score: 0.406074
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649909 Accuracy: 0.713476 F1 Score: 0.405938
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650163 Accuracy: 0.713231 F1 Score: 0.405677
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650015 Accuracy: 0.713345 F1 Score: 0.405628
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650077 Accuracy: 0.713315 F1 Score: 0.405498
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649999 Accuracy: 0.713286 F1 Score: 0.405364
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649952 Accuracy: 0.713399 F1 Score: 0.405480
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650102 Accuracy: 0.713369 F1 Score: 0.405356
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649698 Accuracy: 0.713625 F1 Score: 0.405392
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649978 Accuracy: 0.713524 F1 Score: 0.405213
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650131 Accuracy: 0.713352 F1 Score: 0.405417
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650098 Accuracy: 0.713394 F1 Score: 0.405671
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650318 Accuracy: 0.713223 F1 Score: 0.405453
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650524 Accuracy: 0.713194 F1 Score: 0.405504
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650372 Accuracy: 0.713165 F1 Score: 0.405617
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650238 Accuracy: 0.713347 F1 Score: 0.405618
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650364 Accuracy: 0.713248 F1 Score: 0.405441
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650569 Accuracy: 0.713007 F1 Score: 0.405190
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650839 Accuracy: 0.712767 F1 Score: 0.404925
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650736 Accuracy: 0.712739 F1 Score: 0.404793
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650561 Accuracy: 0.712921 F1 Score: 0.404784
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650403 Accuracy: 0.712963 F1 Score: 0.404952
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650366 Accuracy: 0.712864 F1 Score: 0.404959
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650271 Accuracy: 0.712836 F1 Score: 0.404984
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650309 Accuracy: 0.712738 F1 Score: 0.404804
```

```
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650117 Accuracy: 0.712779 F1 Score: 0.404712
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650206 Accuracy: 0.712751 F1 Score: 0.404835
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650322 Accuracy: 0.712584 F1 Score: 0.404622
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650203 Accuracy: 0.712625 F1 Score: 0.404778
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650151 Accuracy: 0.712806 F1 Score: 0.405196
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650337 Accuracy: 0.712639 F1 Score: 0.404998
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650380 Accuracy: 0.712542 F1 Score: 0.404834
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650457 Accuracy: 0.712514 F1 Score: 0.404945
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650312 Accuracy: 0.712486 F1 Score: 0.404806
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650650 Accuracy: 0.712389 F1 Score: 0.404643
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650425 Accuracy: 0.712569 F1 Score: 0.404965
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650591 Accuracy: 0.712541 F1 Score: 0.404840
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650679 Accuracy: 0.712583 F1 Score: 0.404995
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650577 Accuracy: 0.712693 F1 Score: 0.404948
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650389 Accuracy: 0.712871 F1 Score: 0.405188
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650390 Accuracy: 0.712912 F1 Score: 0.405350
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650099 Accuracy: 0.713090 F1 Score: 0.405342
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649957 Accuracy: 0.713130 F1 Score: 0.405412
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649861 Accuracy: 0.713102 F1 Score: 0.405288
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649935 Accuracy: 0.713074 F1 Score: 0.405406
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650502 Accuracy: 0.712773 F1 Score: 0.405128
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650454 Accuracy: 0.712814 F1 Score: 0.405047
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650570 Accuracy: 0.712718 F1 Score: 0.405040
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650578 Accuracy: 0.712759 F1 Score: 0.405200
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650299 Accuracy: 0.713003 F1 Score: 0.405398
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650395 Accuracy: 0.713043 F1 Score: 0.405309
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650323 Accuracy: 0.713084 F1 Score: 0.405224
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650466 Accuracy: 0.713056 F1 Score: 0.405105
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650393 Accuracy: 0.713096 F1 Score: 0.405179
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650544 Accuracy: 0.712865 F1 Score: 0.404929
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650680 Accuracy: 0.712838 F1 Score: 0.404811
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650518 Accuracy: 0.713080 F1 Score: 0.404845
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650599 Accuracy: 0.713053 F1 Score: 0.404719
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650349 Accuracy: 0.713295 F1 Score: 0.404753
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650260 Accuracy: 0.713469 F1 Score: 0.405154
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650405 Accuracy: 0.713441 F1 Score: 0.405355
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650172 Accuracy: 0.713547 F1 Score: 0.405470
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650112 Accuracy: 0.713519 F1 Score: 0.405500
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650170 Accuracy: 0.713424 F1 Score: 0.405340
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649949 Accuracy: 0.713597 F1 Score: 0.405336
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649977 Accuracy: 0.713636 F1 Score: 0.405257
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649781 Accuracy: 0.713675 F1 Score: 0.405169
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649809 Accuracy: 0.713647 F1 Score: 0.405208
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649903 Accuracy: 0.713619 F1 Score: 0.405091
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649799 Accuracy: 0.713725 F1 Score: 0.405205
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649828 Accuracy: 0.713697 F1 Score: 0.405085
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650052 Accuracy: 0.713603 F1 Score: 0.404922
```

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Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650032 Accuracy: 0.713803 F1 Score: 0.404922
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649941 Accuracy: 0.713774 F1 Score: 0.405082
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.650146 Accuracy: 0.713680 F1 Score: 0.404930
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649870 Accuracy: 0.713851 F1 Score: 0.404921
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649877 Accuracy: 0.713757 F1 Score: 0.404919
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649825 Accuracy: 0.713795 F1 Score: 0.404832
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649733 Accuracy: 0.713899 F1 Score: 0.404945
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649397 Accuracy: 0.714135 F1 Score: 0.405136
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649350 Accuracy: 0.714173 F1 Score: 0.405054
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648985 Accuracy: 0.714342 F1 Score: 0.405208
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649155 Accuracy: 0.714248 F1 Score: 0.405357
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649128 Accuracy: 0.714286 F1 Score: 0.405284
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649221 Accuracy: 0.714192 F1 Score: 0.405114
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649264 Accuracy: 0.714033 F1 Score: 0.404908
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649021 Accuracy: 0.714202 F1 Score: 0.404899
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648874 Accuracy: 0.714304 F1 Score: 0.404854
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648472 Accuracy: 0.714603 F1 Score: 0.405085
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648617 Accuracy: 0.714509 F1 Score: 0.404920
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648665 Accuracy: 0.714416 F1 Score: 0.404922
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648582 Accuracy: 0.714323 F1 Score: 0.404768
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649067 Accuracy: 0.714035 F1 Score: 0.404496
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649108 Accuracy: 0.714072 F1 Score: 0.404410
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649064 Accuracy: 0.714110 F1 Score: 0.404325
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649119 Accuracy: 0.714147 F1 Score: 0.404244
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649129 Accuracy: 0.714119 F1 Score: 0.404127
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649031 Accuracy: 0.714156 F1 Score: 0.404042
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648951 Accuracy: 0.714258 F1 Score: 0.404239
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648883 Accuracy: 0.714295 F1 Score: 0.404163
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649050 Accuracy: 0.714267 F1 Score: 0.404037
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649086 Accuracy: 0.714304 F1 Score: 0.403957
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648818 Accuracy: 0.714341 F1 Score: 0.403877
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648710 Accuracy: 0.714506 F1 Score: 0.403878
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648516 Accuracy: 0.714607 F1 Score: 0.403994
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648521 Accuracy: 0.714515 F1 Score: 0.403828
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648405 Accuracy: 0.714487 F1 Score: 0.403863
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648466 Accuracy: 0.714395 F1 Score: 0.403702
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649001 Accuracy: 0.714176 F1 Score: 0.403471
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649160 Accuracy: 0.714085 F1 Score: 0.403555
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649011 Accuracy: 0.714185 F1 Score: 0.403745
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649256 Accuracy: 0.714158 F1 Score: 0.403789
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649330 Accuracy: 0.714195 F1 Score: 0.403864
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649118 Accuracy: 0.714295 F1 Score: 0.403974
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649035 Accuracy: 0.714268 F1 Score: 0.404087
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649059 Accuracy: 0.714240 F1 Score: 0.404121
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649168 Accuracy: 0.714023 F1 Score: 0.404044
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649168 Accuracy: 0.714059 F1 Score: 0.403975
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649230 Accuracy: 0.714096 F1 Score: 0.404049
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648960 Accuracy: 0.714258 F1 Score: 0.404045
```

```
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648969 Accuracy: 0.714259 F1 Score: 0.404045
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649053 Accuracy: 0.714232 F1 Score: 0.404084
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649141 Accuracy: 0.714268 F1 Score: 0.404309
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649282 Accuracy: 0.714178 F1 Score: 0.404391
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649451 Accuracy: 0.714088 F1 Score: 0.404394
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649379 Accuracy: 0.714124 F1 Score: 0.404311
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649058 Accuracy: 0.714286 F1 Score: 0.404302
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649202 Accuracy: 0.714133 F1 Score: 0.404110
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649334 Accuracy: 0.714106 F1 Score: 0.404226
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649263 Accuracy: 0.714205 F1 Score: 0.404334
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649182 Accuracy: 0.714304 F1 Score: 0.404441
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649127 Accuracy: 0.714277 F1 Score: 0.404479
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649064 Accuracy: 0.714375 F1 Score: 0.404441
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649067 Accuracy: 0.714348 F1 Score: 0.404318
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648968 Accuracy: 0.714384 F1 Score: 0.404236
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649101 Accuracy: 0.714295 F1 Score: 0.404239
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648925 Accuracy: 0.714392 F1 Score: 0.404201
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649158 Accuracy: 0.714303 F1 Score: 0.404205
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648936 Accuracy: 0.714463 F1 Score: 0.404350
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648811 Accuracy: 0.714436 F1 Score: 0.404239
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.649021 Accuracy: 0.714348 F1 Score: 0.404093
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648737 Accuracy: 0.714507 F1 Score: 0.404239
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648755 Accuracy: 0.714542 F1 Score: 0.404306
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648575 Accuracy: 0.714639 F1 Score: 0.404268
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648416 Accuracy: 0.714674 F1 Score: 0.404186
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648152 Accuracy: 0.714894 F1 Score: 0.404216
Epoch: 3/3... Step: 2850... Loss: 0.634902... Val Loss: 0.648150 Accuracy: 0.714867 F1 Score: 0.404249
2850 steps in epoch 3

Epoch: 3, Average Accuracy: 0.71486686, Average f1: 0.40424859

<Figure size 432x288 with 0 Axes>
```
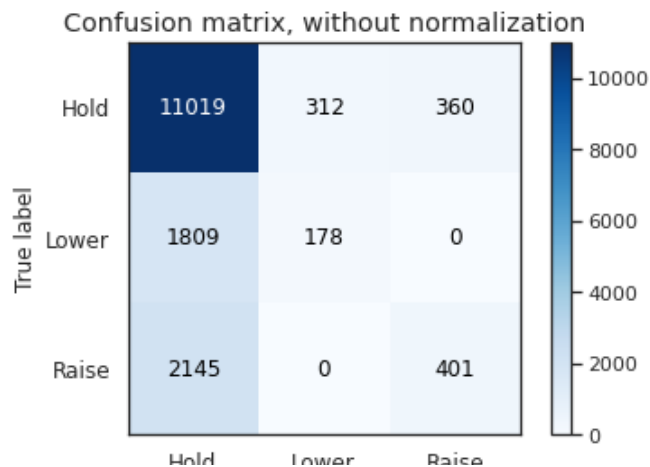
Confusion matrix, without normalization

Confusion matrix, with normalization

```
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.659022 Accuracy: 0.625000 F1 Score: 0.256410
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.563957 Accuracy: 0.718750 F1 Score: 0.278788
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.662716 Accuracy: 0.666667 F1 Score: 0.316239
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631134 Accuracy: 0.718750 F1 Score: 0.360063
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.615678 Accuracy: 0.725000 F1 Score: 0.357038
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.625076 Accuracy: 0.718750 F1 Score: 0.394678
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632286 Accuracy: 0.714286 F1 Score: 0.378401
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.628988 Accuracy: 0.726562 F1 Score: 0.394699
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634385 Accuracy: 0.715278 F1 Score: 0.377866
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641288 Accuracy: 0.712500 F1 Score: 0.367920
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.651042 Accuracy: 0.710227 F1 Score: 0.359690
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631224 Accuracy: 0.718750 F1 Score: 0.370845
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632774 Accuracy: 0.716346 F1 Score: 0.363694
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630549 Accuracy: 0.718750 F1 Score: 0.370366
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643601 Accuracy: 0.712500 F1 Score: 0.362392
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641102 Accuracy: 0.710938 F1 Score: 0.356711
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.647195 Accuracy: 0.709559 F1 Score: 0.360966
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643924 Accuracy: 0.711806 F1 Score: 0.365465
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.672421 Accuracy: 0.697368 F1 Score: 0.354975
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.675650 Accuracy: 0.696875 F1 Score: 0.358554
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.672795 Accuracy: 0.702381 F1 Score: 0.364115
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.682715 Accuracy: 0.698864 F1 Score: 0.370983
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.674105 Accuracy: 0.706522 F1 Score: 0.371085
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.676947 Accuracy: 0.705729 F1 Score: 0.373371
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.665752 Accuracy: 0.715000 F1 Score: 0.393462
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.653921 Accuracy: 0.723558 F1 Score: 0.399821
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.657283 Accuracy: 0.717593 F1 Score: 0.392815
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.655339 Accuracy: 0.718750 F1 Score: 0.390114
```

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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.649384 Accuracy: 0.721983 F1 Score: 0.389190
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.647511 Accuracy: 0.722917 F1 Score: 0.387005
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.645419 Accuracy: 0.723790 F1 Score: 0.385293
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641624 Accuracy: 0.726562 F1 Score: 0.388373
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.646417 Accuracy: 0.721591 F1 Score: 0.383243
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.644433 Accuracy: 0.724265 F1 Score: 0.386166
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.645144 Accuracy: 0.723214 F1 Score: 0.383253
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643270 Accuracy: 0.723958 F1 Score: 0.384916
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635849 Accuracy: 0.729730 F1 Score: 0.386030
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630899 Accuracy: 0.733553 F1 Score: 0.386021
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637103 Accuracy: 0.732372 F1 Score: 0.391158
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635338 Accuracy: 0.734375 F1 Score: 0.393431
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633894 Accuracy: 0.736280 F1 Score: 0.391928
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632401 Accuracy: 0.736607 F1 Score: 0.393484
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641408 Accuracy: 0.731105 F1 Score: 0.389270
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634802 Accuracy: 0.734375 F1 Score: 0.389259
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637743 Accuracy: 0.733333 F1 Score: 0.387278
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641426 Accuracy: 0.732337 F1 Score: 0.385376
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642999 Accuracy: 0.732713 F1 Score: 0.387426
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636942 Accuracy: 0.736979 F1 Score: 0.394997
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636390 Accuracy: 0.738520 F1 Score: 0.396913
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638785 Accuracy: 0.737500 F1 Score: 0.394921
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.646055 Accuracy: 0.732843 F1 Score: 0.390512
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.648207 Accuracy: 0.730769 F1 Score: 0.387917
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642160 Accuracy: 0.734670 F1 Score: 0.394194
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637877 Accuracy: 0.737269 F1 Score: 0.394086
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639280 Accuracy: 0.735227 F1 Score: 0.391478
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637319 Accuracy: 0.736607 F1 Score: 0.390911
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636297 Accuracy: 0.737939 F1 Score: 0.390628
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637731 Accuracy: 0.737069 F1 Score: 0.388367
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643285 Accuracy: 0.734110 F1 Score: 0.387929
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640527 Accuracy: 0.735417 F1 Score: 0.392463
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636896 Accuracy: 0.737705 F1 Score: 0.392664
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634977 Accuracy: 0.737903 F1 Score: 0.391472
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636904 Accuracy: 0.736111 F1 Score: 0.389816
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639947 Accuracy: 0.734375 F1 Score: 0.392079
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637020 Accuracy: 0.735577 F1 Score: 0.391061
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633259 Accuracy: 0.738636 F1 Score: 0.391642
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635025 Accuracy: 0.737873 F1 Score: 0.399037
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634291 Accuracy: 0.738051 F1 Score: 0.397641
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637533 Accuracy: 0.736413 F1 Score: 0.395472
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636243 Accuracy: 0.736607 F1 Score: 0.396354
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636344 Accuracy: 0.736796 F1 Score: 0.395258
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634882 Accuracy: 0.738715 F1 Score: 0.395361
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635627 Accuracy: 0.738870 F1 Score: 0.394501
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633217 Accuracy: 0.739020 F1 Score: 0.393033
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631702 Accuracy: 0.739167 F1 Score: 0.391616
```
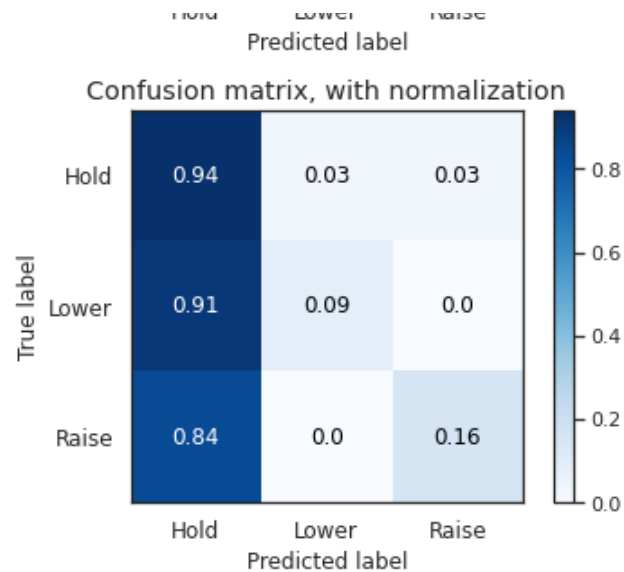
```
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631501 Accuracy: 0.738487 F1 Score: 0.393959
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634504 Accuracy: 0.736201 F1 Score: 0.394970
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634989 Accuracy: 0.735577 F1 Score: 0.393564
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634324 Accuracy: 0.735759 F1 Score: 0.392573
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634390 Accuracy: 0.735938 F1 Score: 0.391601
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632550 Accuracy: 0.736883 F1 Score: 0.391014
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631035 Accuracy: 0.737805 F1 Score: 0.390556
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631273 Accuracy: 0.737952 F1 Score: 0.389623
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.629490 Accuracy: 0.739583 F1 Score: 0.389656
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.629917 Accuracy: 0.739706 F1 Score: 0.388742
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632077 Accuracy: 0.738372 F1 Score: 0.386923
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633250 Accuracy: 0.737787 F1 Score: 0.387664
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635212 Accuracy: 0.736506 F1 Score: 0.385785
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632826 Accuracy: 0.737360 F1 Score: 0.387029
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632750 Accuracy: 0.736806 F1 Score: 0.385764
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634161 Accuracy: 0.735577 F1 Score: 0.384100
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632550 Accuracy: 0.736413 F1 Score: 0.385422
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631651 Accuracy: 0.736559 F1 Score: 0.386400
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630967 Accuracy: 0.736702 F1 Score: 0.385503
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632162 Accuracy: 0.736184 F1 Score: 0.384324
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632602 Accuracy: 0.736328 F1 Score: 0.386962
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634883 Accuracy: 0.735180 F1 Score: 0.385633
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633191 Accuracy: 0.735332 F1 Score: 0.386420
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631461 Accuracy: 0.736742 F1 Score: 0.386369
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632822 Accuracy: 0.735625 F1 Score: 0.386575
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636234 Accuracy: 0.733911 F1 Score: 0.386631
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635954 Accuracy: 0.733456 F1 Score: 0.388192
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634868 Accuracy: 0.734223 F1 Score: 0.387867
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634691 Accuracy: 0.734976 F1 Score: 0.390347
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633479 Accuracy: 0.735119 F1 Score: 0.389625
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632990 Accuracy: 0.734670 F1 Score: 0.388640
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636056 Accuracy: 0.732477 F1 Score: 0.386770
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635777 Accuracy: 0.732639 F1 Score: 0.386201
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637957 Accuracy: 0.731651 F1 Score: 0.385023
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637663 Accuracy: 0.730682 F1 Score: 0.383661
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639148 Accuracy: 0.729730 F1 Score: 0.382532
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638974 Accuracy: 0.730469 F1 Score: 0.382263
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639272 Accuracy: 0.730642 F1 Score: 0.384028
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638598 Accuracy: 0.730263 F1 Score: 0.384436
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637944 Accuracy: 0.730978 F1 Score: 0.383977
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636350 Accuracy: 0.731681 F1 Score: 0.383527
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636080 Accuracy: 0.731838 F1 Score: 0.384341
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635854 Accuracy: 0.732521 F1 Score: 0.385558
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637124 Accuracy: 0.731092 F1 Score: 0.383969
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634786 Accuracy: 0.732812 F1 Score: 0.384264
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633860 Accuracy: 0.733471 F1 Score: 0.385277
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632983 Accuracy: 0.734119 F1 Score: 0.384916
```

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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634666 Accuracy: 0.734248 F1 Score: 0.384420
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635589 Accuracy: 0.733871 F1 Score: 0.384958
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635579 Accuracy: 0.733000 F1 Score: 0.387186
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637349 Accuracy: 0.731647 F1 Score: 0.387045
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636437 Accuracy: 0.732283 F1 Score: 0.386700
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638202 Accuracy: 0.730957 F1 Score: 0.386480
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641182 Accuracy: 0.730136 F1 Score: 0.385320
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642817 Accuracy: 0.729808 F1 Score: 0.388225
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640773 Accuracy: 0.730916 F1 Score: 0.390489
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641299 Accuracy: 0.731061 F1 Score: 0.392258
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640203 Accuracy: 0.731203 F1 Score: 0.391524
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640971 Accuracy: 0.730877 F1 Score: 0.392081
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640234 Accuracy: 0.731481 F1 Score: 0.391653
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640556 Accuracy: 0.730699 F1 Score: 0.392637
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640469 Accuracy: 0.730839 F1 Score: 0.394308
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639360 Accuracy: 0.731431 F1 Score: 0.394059
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638390 Accuracy: 0.732464 F1 Score: 0.397164
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637652 Accuracy: 0.732589 F1 Score: 0.396528
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636502 Accuracy: 0.733156 F1 Score: 0.397261
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637603 Accuracy: 0.731954 F1 Score: 0.396982
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637964 Accuracy: 0.732080 F1 Score: 0.396606
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637133 Accuracy: 0.732639 F1 Score: 0.397402
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635471 Accuracy: 0.734052 F1 Score: 0.397641
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634733 Accuracy: 0.734589 F1 Score: 0.397390
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633602 Accuracy: 0.734694 F1 Score: 0.397718
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633934 Accuracy: 0.734375 F1 Score: 0.397923
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631965 Accuracy: 0.735738 F1 Score: 0.399075
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630872 Accuracy: 0.736667 F1 Score: 0.399019
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.629568 Accuracy: 0.737583 F1 Score: 0.399958
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630368 Accuracy: 0.736431 F1 Score: 0.398515
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.629810 Accuracy: 0.736928 F1 Score: 0.398188
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.628730 Accuracy: 0.737825 F1 Score: 0.398216
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.629417 Accuracy: 0.737903 F1 Score: 0.400647
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630198 Accuracy: 0.737580 F1 Score: 0.399855
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630990 Accuracy: 0.737261 F1 Score: 0.399232
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630059 Accuracy: 0.738133 F1 Score: 0.400219
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632383 Accuracy: 0.736635 F1 Score: 0.399678
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631942 Accuracy: 0.736719 F1 Score: 0.399951
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631174 Accuracy: 0.737578 F1 Score: 0.400908
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630530 Accuracy: 0.737654 F1 Score: 0.400244
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630702 Accuracy: 0.736963 F1 Score: 0.399154
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630704 Accuracy: 0.736662 F1 Score: 0.398570
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631018 Accuracy: 0.736742 F1 Score: 0.398998
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630020 Accuracy: 0.737952 F1 Score: 0.401887
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631143 Accuracy: 0.737275 F1 Score: 0.401937
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632006 Accuracy: 0.736607 F1 Score: 0.401118
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633540 Accuracy: 0.735577 F1 Score: 0.399886
```

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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633340 Accuracy: 0.733377 F1 Score: 0.399886
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631876 Accuracy: 0.736397 F1 Score: 0.399755
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631785 Accuracy: 0.736111 F1 Score: 0.398962
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632028 Accuracy: 0.736192 F1 Score: 0.398587
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633251 Accuracy: 0.734465 F1 Score: 0.396761
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632073 Accuracy: 0.734914 F1 Score: 0.396483
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633320 Accuracy: 0.734286 F1 Score: 0.396569
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633725 Accuracy: 0.734020 F1 Score: 0.395898
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633226 Accuracy: 0.734816 F1 Score: 0.395862
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633475 Accuracy: 0.734902 F1 Score: 0.395282
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635363 Accuracy: 0.733589 F1 Score: 0.394159
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636009 Accuracy: 0.733681 F1 Score: 0.394725
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635002 Accuracy: 0.734116 F1 Score: 0.394541
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635367 Accuracy: 0.733516 F1 Score: 0.393595
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635343 Accuracy: 0.733607 F1 Score: 0.393188
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636107 Accuracy: 0.733356 F1 Score: 0.393452
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636306 Accuracy: 0.733446 F1 Score: 0.393782
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637401 Accuracy: 0.732863 F1 Score: 0.394665
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637257 Accuracy: 0.732620 F1 Score: 0.393970
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636450 Accuracy: 0.732713 F1 Score: 0.394368
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636686 Accuracy: 0.732474 F1 Score: 0.393827
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636211 Accuracy: 0.733224 F1 Score: 0.393872
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635913 Accuracy: 0.733312 F1 Score: 0.393409
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636015 Accuracy: 0.733398 F1 Score: 0.393805
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636111 Accuracy: 0.733161 F1 Score: 0.393132
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635614 Accuracy: 0.733247 F1 Score: 0.392679
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636097 Accuracy: 0.733013 F1 Score: 0.392160
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635975 Accuracy: 0.733099 F1 Score: 0.391715
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637255 Accuracy: 0.732234 F1 Score: 0.390858
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637705 Accuracy: 0.732008 F1 Score: 0.390285
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636310 Accuracy: 0.732412 F1 Score: 0.390059
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638553 Accuracy: 0.731250 F1 Score: 0.389090
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638478 Accuracy: 0.731032 F1 Score: 0.389292
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638052 Accuracy: 0.731126 F1 Score: 0.388941
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637783 Accuracy: 0.731527 F1 Score: 0.388723
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638258 Accuracy: 0.731005 F1 Score: 0.387978
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637844 Accuracy: 0.731402 F1 Score: 0.387765
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638057 Accuracy: 0.731493 F1 Score: 0.387423
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636965 Accuracy: 0.732186 F1 Score: 0.387342
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636508 Accuracy: 0.732272 F1 Score: 0.387678
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636635 Accuracy: 0.731758 F1 Score: 0.386955
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637372 Accuracy: 0.731250 F1 Score: 0.386369
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637456 Accuracy: 0.731043 F1 Score: 0.386514
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638138 Accuracy: 0.730542 F1 Score: 0.385938
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637764 Accuracy: 0.730634 F1 Score: 0.386336
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638454 Accuracy: 0.730432 F1 Score: 0.385891
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637818 Accuracy: 0.730814 F1 Score: 0.385825
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636380 Accuracy: 0.731771 F1 Score: 0.385925
```

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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636380 Accuracy: 0.731771 F1 Score: 0.385935
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637034 Accuracy: 0.731567 F1 Score: 0.385562
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638179 Accuracy: 0.730791 F1 Score: 0.384561
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638579 Accuracy: 0.730594 F1 Score: 0.383942
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638111 Accuracy: 0.730966 F1 Score: 0.383753
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639064 Accuracy: 0.730204 F1 Score: 0.383032
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639194 Accuracy: 0.730011 F1 Score: 0.382551
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640335 Accuracy: 0.729260 F1 Score: 0.381662
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640679 Accuracy: 0.729353 F1 Score: 0.382185
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640218 Accuracy: 0.729722 F1 Score: 0.382759
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640052 Accuracy: 0.729812 F1 Score: 0.382464
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639132 Accuracy: 0.730452 F1 Score: 0.382522
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638980 Accuracy: 0.730537 F1 Score: 0.382229
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639491 Accuracy: 0.730349 F1 Score: 0.382449
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639129 Accuracy: 0.730707 F1 Score: 0.382949
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638853 Accuracy: 0.730790 F1 Score: 0.383940
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638834 Accuracy: 0.730873 F1 Score: 0.383651
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638541 Accuracy: 0.730955 F1 Score: 0.384026
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637574 Accuracy: 0.731303 F1 Score: 0.384506
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637055 Accuracy: 0.731383 F1 Score: 0.385522
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636108 Accuracy: 0.731992 F1 Score: 0.385449
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635821 Accuracy: 0.732068 F1 Score: 0.385098
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635324 Accuracy: 0.731880 F1 Score: 0.384580
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634611 Accuracy: 0.732218 F1 Score: 0.385672
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633464 Accuracy: 0.732812 F1 Score: 0.385602
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633041 Accuracy: 0.732884 F1 Score: 0.385954
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632494 Accuracy: 0.733471 F1 Score: 0.386577
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632548 Accuracy: 0.733539 F1 Score: 0.386920
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631960 Accuracy: 0.733607 F1 Score: 0.386634
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631060 Accuracy: 0.733929 F1 Score: 0.387020
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630221 Accuracy: 0.734502 F1 Score: 0.387567
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630889 Accuracy: 0.734312 F1 Score: 0.387733
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630808 Accuracy: 0.734123 F1 Score: 0.387346
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630676 Accuracy: 0.734438 F1 Score: 0.388385
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.629707 Accuracy: 0.735000 F1 Score: 0.389539
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630276 Accuracy: 0.734562 F1 Score: 0.388985
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.630767 Accuracy: 0.734375 F1 Score: 0.388655
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631159 Accuracy: 0.733696 F1 Score: 0.388433
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631281 Accuracy: 0.733760 F1 Score: 0.388098
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631552 Accuracy: 0.733824 F1 Score: 0.387765
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631884 Accuracy: 0.733154 F1 Score: 0.387017
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632186 Accuracy: 0.732733 F1 Score: 0.387132
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632248 Accuracy: 0.732800 F1 Score: 0.386863
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631528 Accuracy: 0.733108 F1 Score: 0.386695
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631148 Accuracy: 0.733413 F1 Score: 0.386584
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631732 Accuracy: 0.732998 F1 Score: 0.386647
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631458 Accuracy: 0.733302 F1 Score: 0.387060
```

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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631854 Accuracy: 0.733127 F1 Score: 0.387216
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632051 Accuracy: 0.733191 F1 Score: 0.387468
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632466 Accuracy: 0.733019 F1 Score: 0.387732
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633194 Accuracy: 0.732613 F1 Score: 0.387165
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633233 Accuracy: 0.732912 F1 Score: 0.387564
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632791 Accuracy: 0.733209 F1 Score: 0.387458
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632855 Accuracy: 0.733039 F1 Score: 0.387049
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633309 Accuracy: 0.733102 F1 Score: 0.388571
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634566 Accuracy: 0.732242 F1 Score: 0.387766
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634634 Accuracy: 0.732307 F1 Score: 0.388002
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634099 Accuracy: 0.732601 F1 Score: 0.387900
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634796 Accuracy: 0.732208 F1 Score: 0.388489
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634871 Accuracy: 0.732045 F1 Score: 0.388088
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634609 Accuracy: 0.732111 F1 Score: 0.387725
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634299 Accuracy: 0.732401 F1 Score: 0.388160
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634253 Accuracy: 0.732464 F1 Score: 0.388386
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634147 Accuracy: 0.732303 F1 Score: 0.388049
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633705 Accuracy: 0.732589 F1 Score: 0.387893
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634237 Accuracy: 0.732429 F1 Score: 0.387559
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633765 Accuracy: 0.732713 F1 Score: 0.387462
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633489 Accuracy: 0.732774 F1 Score: 0.387219
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633080 Accuracy: 0.732614 F1 Score: 0.386834
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.631923 Accuracy: 0.733114 F1 Score: 0.386770
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.632947 Accuracy: 0.732517 F1 Score: 0.386569
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633388 Accuracy: 0.732143 F1 Score: 0.386621
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634112 Accuracy: 0.731988 F1 Score: 0.386871
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634083 Accuracy: 0.732266 F1 Score: 0.386778
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634581 Accuracy: 0.731897 F1 Score: 0.386829
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634440 Accuracy: 0.732174 F1 Score: 0.386794
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634232 Accuracy: 0.732235 F1 Score: 0.387071
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634217 Accuracy: 0.732295 F1 Score: 0.387885
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634794 Accuracy: 0.731505 F1 Score: 0.387596
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636185 Accuracy: 0.730720 F1 Score: 0.386917
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636603 Accuracy: 0.730574 F1 Score: 0.388128
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636642 Accuracy: 0.730429 F1 Score: 0.387707
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636358 Accuracy: 0.730705 F1 Score: 0.388007
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635734 Accuracy: 0.731187 F1 Score: 0.389507
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634960 Accuracy: 0.731458 F1 Score: 0.389361
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634911 Accuracy: 0.731312 F1 Score: 0.390021
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634515 Accuracy: 0.731788 F1 Score: 0.390011
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635013 Accuracy: 0.731436 F1 Score: 0.389559
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635057 Accuracy: 0.731497 F1 Score: 0.389814
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635058 Accuracy: 0.731557 F1 Score: 0.389585
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.635164 Accuracy: 0.731209 F1 Score: 0.388988
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634804 Accuracy: 0.731270 F1 Score: 0.388762
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634734 Accuracy: 0.731331 F1 Score: 0.388588
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633393 Accuracy: 0.732201 F1 Score: 0.388795
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633568 Accuracy: 0.732056 F1 Score: 0.388916
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634034 Accuracy: 0.731712 F1 Score: 0.388429
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.633845 Accuracy: 0.731971 F1 Score: 0.388289
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634790 Accuracy: 0.731430 F1 Score: 0.387628
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.634867 Accuracy: 0.731290 F1 Score: 0.387703
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636358 Accuracy: 0.730556 F1 Score: 0.387066
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637320 Accuracy: 0.730222 F1 Score: 0.387745
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637983 Accuracy: 0.729495 F1 Score: 0.387111
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637587 Accuracy: 0.729560 F1 Score: 0.386851
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637709 Accuracy: 0.729428 F1 Score: 0.386652
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637504 Accuracy: 0.729492 F1 Score: 0.386441
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637900 Accuracy: 0.729361 F1 Score: 0.386152
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638575 Accuracy: 0.728843 F1 Score: 0.385519
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639329 Accuracy: 0.728328 F1 Score: 0.385124
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639386 Accuracy: 0.728202 F1 Score: 0.384748
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639921 Accuracy: 0.727885 F1 Score: 0.384343
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639805 Accuracy: 0.728144 F1 Score: 0.384265
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640000 Accuracy: 0.727829 F1 Score: 0.383818
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639993 Accuracy: 0.727896 F1 Score: 0.384123
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639518 Accuracy: 0.728153 F1 Score: 0.384456
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638550 Accuracy: 0.728788 F1 Score: 0.384531
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638008 Accuracy: 0.728852 F1 Score: 0.384240
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637861 Accuracy: 0.729104 F1 Score: 0.384162
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637673 Accuracy: 0.729167 F1 Score: 0.383964
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637249 Accuracy: 0.729416 F1 Score: 0.383796
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637624 Accuracy: 0.729104 F1 Score: 0.383766
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637298 Accuracy: 0.729167 F1 Score: 0.383570
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637649 Accuracy: 0.728858 F1 Score: 0.383138
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638032 Accuracy: 0.728550 F1 Score: 0.382797
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638520 Accuracy: 0.728429 F1 Score: 0.382576
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638308 Accuracy: 0.728309 F1 Score: 0.382268
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637596 Accuracy: 0.728922 F1 Score: 0.382341
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637412 Accuracy: 0.728801 F1 Score: 0.381947
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637505 Accuracy: 0.728863 F1 Score: 0.382201
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637507 Accuracy: 0.728743 F1 Score: 0.381941
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637899 Accuracy: 0.728623 F1 Score: 0.382557
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637401 Accuracy: 0.729046 F1 Score: 0.382954
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637675 Accuracy: 0.729107 F1 Score: 0.383246
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637549 Accuracy: 0.729167 F1 Score: 0.383921
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637157 Accuracy: 0.729585 F1 Score: 0.383919
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637650 Accuracy: 0.729286 F1 Score: 0.383583
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638182 Accuracy: 0.728632 F1 Score: 0.382981
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638360 Accuracy: 0.728516 F1 Score: 0.383156
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639038 Accuracy: 0.728222 F1 Score: 0.383259
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639692 Accuracy: 0.727578 F1 Score: 0.382623
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639712 Accuracy: 0.727465 F1 Score: 0.382714
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639216 Accuracy: 0.727704 F1 Score: 0.383028
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639174 Accuracy: 0.727941 F1 Score: 0.382957
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639402 Accuracy: 0.727828 F1 Score: 0.382705
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639179 Accuracy: 0.727890 F1 Score: 0.382524
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638697 Accuracy: 0.728299 F1 Score: 0.382565
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638431 Accuracy: 0.728359 F1 Score: 0.382344
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637796 Accuracy: 0.728764 F1 Score: 0.382724
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638267 Accuracy: 0.728306 F1 Score: 0.382296
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638853 Accuracy: 0.728022 F1 Score: 0.382801
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639105 Accuracy: 0.727911 F1 Score: 0.384173
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638491 Accuracy: 0.728142 F1 Score: 0.384061
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637837 Accuracy: 0.728542 F1 Score: 0.385278
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636981 Accuracy: 0.729110 F1 Score: 0.385762
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.636510 Accuracy: 0.729505 F1 Score: 0.385795
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637044 Accuracy: 0.729054 F1 Score: 0.385322
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637833 Accuracy: 0.728605 F1 Score: 0.384853
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637419 Accuracy: 0.728999 F1 Score: 0.385300
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638045 Accuracy: 0.728552 F1 Score: 0.384870
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638629 Accuracy: 0.728108 F1 Score: 0.384407
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639539 Accuracy: 0.727333 F1 Score: 0.383808
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639182 Accuracy: 0.727061 F1 Score: 0.383383
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638690 Accuracy: 0.727288 F1 Score: 0.383683
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638800 Accuracy: 0.727348 F1 Score: 0.383877
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638443 Accuracy: 0.727408 F1 Score: 0.383665
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638864 Accuracy: 0.727467 F1 Score: 0.384995
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639124 Accuracy: 0.727362 F1 Score: 0.384714
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639216 Accuracy: 0.727094 F1 Score: 0.384365
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639388 Accuracy: 0.727154 F1 Score: 0.384591
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638918 Accuracy: 0.727376 F1 Score: 0.384849
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638640 Accuracy: 0.727597 F1 Score: 0.385501
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637954 Accuracy: 0.728141 F1 Score: 0.385567
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638189 Accuracy: 0.727552 F1 Score: 0.385047
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637845 Accuracy: 0.727771 F1 Score: 0.384909
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637853 Accuracy: 0.727988 F1 Score: 0.384837
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638120 Accuracy: 0.727724 F1 Score: 0.384460
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638187 Accuracy: 0.727462 F1 Score: 0.384151
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638015 Accuracy: 0.727519 F1 Score: 0.384046
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638300 Accuracy: 0.727417 F1 Score: 0.383774
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637881 Accuracy: 0.727792 F1 Score: 0.384132
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637551 Accuracy: 0.727848 F1 Score: 0.384743
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637899 Accuracy: 0.727746 F1 Score: 0.384927
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638141 Accuracy: 0.727487 F1 Score: 0.384944
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637515 Accuracy: 0.727701 F1 Score: 0.385539
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637086 Accuracy: 0.727914 F1 Score: 0.385436
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.637085 Accuracy: 0.727969 F1 Score: 0.385266
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638090 Accuracy: 0.727244 F1 Score: 0.384699
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638481 Accuracy: 0.726835 F1 Score: 0.384268
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638100 Accuracy: 0.727047 F1 Score: 0.384136
```

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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638694 Accuracy: 0.726640 F1 Score: 0.383773
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638343 Accuracy: 0.727006 F1 Score: 0.384185
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638412 Accuracy: 0.726909 F1 Score: 0.383922
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638327 Accuracy: 0.727119 F1 Score: 0.383856
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638558 Accuracy: 0.727022 F1 Score: 0.383974
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639290 Accuracy: 0.726773 F1 Score: 0.383681
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639306 Accuracy: 0.726677 F1 Score: 0.383864
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639072 Accuracy: 0.726582 F1 Score: 0.383573
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639378 Accuracy: 0.726487 F1 Score: 0.384017
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639152 Accuracy: 0.726544 F1 Score: 0.383793
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639403 Accuracy: 0.726600 F1 Score: 0.383601
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639452 Accuracy: 0.726355 F1 Score: 0.383251
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639497 Accuracy: 0.726112 F1 Score: 0.382903
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639418 Accuracy: 0.726169 F1 Score: 0.382744
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640107 Accuracy: 0.725927 F1 Score: 0.382830
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639957 Accuracy: 0.726134 F1 Score: 0.382767
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639732 Accuracy: 0.726190 F1 Score: 0.382948
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639404 Accuracy: 0.726247 F1 Score: 0.382761
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639994 Accuracy: 0.726155 F1 Score: 0.382848
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640082 Accuracy: 0.726212 F1 Score: 0.383377
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640386 Accuracy: 0.726120 F1 Score: 0.383158
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641132 Accuracy: 0.725735 F1 Score: 0.383796
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641221 Accuracy: 0.725646 F1 Score: 0.383519
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641227 Accuracy: 0.725556 F1 Score: 0.383272
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641292 Accuracy: 0.725613 F1 Score: 0.383507
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641327 Accuracy: 0.725670 F1 Score: 0.383352
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641710 Accuracy: 0.725581 F1 Score: 0.383078
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641246 Accuracy: 0.725928 F1 Score: 0.383106
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641217 Accuracy: 0.725839 F1 Score: 0.382834
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640711 Accuracy: 0.726184 F1 Score: 0.382833
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641491 Accuracy: 0.725662 F1 Score: 0.382321
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641395 Accuracy: 0.725718 F1 Score: 0.382198
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641094 Accuracy: 0.726061 F1 Score: 0.383519
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641166 Accuracy: 0.725973 F1 Score: 0.383250
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641572 Accuracy: 0.725742 F1 Score: 0.383000
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640951 Accuracy: 0.726082 F1 Score: 0.382999
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640707 Accuracy: 0.726278 F1 Score: 0.383264
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641234 Accuracy: 0.725907 F1 Score: 0.382928
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641350 Accuracy: 0.725962 F1 Score: 0.382805
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641105 Accuracy: 0.726298 F1 Score: 0.383158
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641470 Accuracy: 0.725929 F1 Score: 0.382743
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641465 Accuracy: 0.725983 F1 Score: 0.383263
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641064 Accuracy: 0.726177 F1 Score: 0.383148
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640781 Accuracy: 0.726370 F1 Score: 0.383085
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640740 Accuracy: 0.726283 F1 Score: 0.383173
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640324 Accuracy: 0.726754 F1 Score: 0.383956
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640433 Accuracy: 0.726806 F1 Score: 0.383806
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640433 Accuracy: 0.726000 F1 Score: 0.383000
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640713 Accuracy: 0.726441 F1 Score: 0.383770
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641639 Accuracy: 0.725940 F1 Score: 0.383301
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641679 Accuracy: 0.726131 F1 Score: 0.383240
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641513 Accuracy: 0.726322 F1 Score: 0.383524
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641674 Accuracy: 0.726374 F1 Score: 0.383403
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641212 Accuracy: 0.726700 F1 Score: 0.383718
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641758 Accuracy: 0.726340 F1 Score: 0.383340
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642184 Accuracy: 0.726119 F1 Score: 0.383364
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642441 Accuracy: 0.726035 F1 Score: 0.383107
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643036 Accuracy: 0.725679 F1 Score: 0.382734
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643258 Accuracy: 0.725597 F1 Score: 0.382532
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643455 Accuracy: 0.725379 F1 Score: 0.382894
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643659 Accuracy: 0.725162 F1 Score: 0.382918
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643297 Accuracy: 0.725350 F1 Score: 0.383167
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642893 Accuracy: 0.725672 F1 Score: 0.383167
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642781 Accuracy: 0.725858 F1 Score: 0.383773
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643057 Accuracy: 0.725776 F1 Score: 0.383573
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643048 Accuracy: 0.725828 F1 Score: 0.384044
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642501 Accuracy: 0.726013 F1 Score: 0.383933
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642443 Accuracy: 0.725931 F1 Score: 0.383707
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641936 Accuracy: 0.726247 F1 Score: 0.384035
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641641 Accuracy: 0.726562 F1 Score: 0.385015
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641877 Accuracy: 0.726348 F1 Score: 0.384732
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641918 Accuracy: 0.726266 F1 Score: 0.384560
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641671 Accuracy: 0.726184 F1 Score: 0.384362
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641618 Accuracy: 0.726103 F1 Score: 0.384111
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641147 Accuracy: 0.726415 F1 Score: 0.384110
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640832 Accuracy: 0.726464 F1 Score: 0.383970
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641054 Accuracy: 0.726514 F1 Score: 0.383830
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641005 Accuracy: 0.726562 F1 Score: 0.383987
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640634 Accuracy: 0.726741 F1 Score: 0.384528
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640700 Accuracy: 0.726789 F1 Score: 0.384388
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640643 Accuracy: 0.726837 F1 Score: 0.384249
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640796 Accuracy: 0.726885 F1 Score: 0.384405
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641282 Accuracy: 0.726675 F1 Score: 0.384155
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641418 Accuracy: 0.726595 F1 Score: 0.384917
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640881 Accuracy: 0.726899 F1 Score: 0.384915
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640625 Accuracy: 0.727075 F1 Score: 0.385148
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639838 Accuracy: 0.727633 F1 Score: 0.385281
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640311 Accuracy: 0.727423 F1 Score: 0.385033
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640594 Accuracy: 0.727342 F1 Score: 0.385103
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640182 Accuracy: 0.727515 F1 Score: 0.385019
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640028 Accuracy: 0.727561 F1 Score: 0.385195
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639873 Accuracy: 0.727606 F1 Score: 0.385031
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640012 Accuracy: 0.727525 F1 Score: 0.384867
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639797 Accuracy: 0.727571 F1 Score: 0.384678
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639200 Accuracy: 0.727993 F1 Score: 0.384729
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639189 Accuracy: 0.728037 F1 Score: 0.384593
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639433 Accuracy: 0.727956 F1 Score: 0.384404
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638990 Accuracy: 0.728250 F1 Score: 0.384401
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639015 Accuracy: 0.728293 F1 Score: 0.384266
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638577 Accuracy: 0.728337 F1 Score: 0.384079
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638988 Accuracy: 0.727883 F1 Score: 0.383708
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638825 Accuracy: 0.727927 F1 Score: 0.384167
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639302 Accuracy: 0.727723 F1 Score: 0.384464
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639253 Accuracy: 0.727643 F1 Score: 0.384836
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639001 Accuracy: 0.727687 F1 Score: 0.384981
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639469 Accuracy: 0.727362 F1 Score: 0.384665
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639483 Accuracy: 0.727407 F1 Score: 0.385103
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639231 Accuracy: 0.727574 F1 Score: 0.386218
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639946 Accuracy: 0.727373 F1 Score: 0.386542
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640059 Accuracy: 0.727417 F1 Score: 0.386407
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640356 Accuracy: 0.727217 F1 Score: 0.386467
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640286 Accuracy: 0.727383 F1 Score: 0.386411
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640474 Accuracy: 0.727427 F1 Score: 0.386278
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640606 Accuracy: 0.727350 F1 Score: 0.386068
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640425 Accuracy: 0.727394 F1 Score: 0.386480
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639699 Accuracy: 0.727799 F1 Score: 0.386529
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639303 Accuracy: 0.727962 F1 Score: 0.386449
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639340 Accuracy: 0.727885 F1 Score: 0.386264
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638901 Accuracy: 0.728167 F1 Score: 0.386261
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639311 Accuracy: 0.727850 F1 Score: 0.385925
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639316 Accuracy: 0.727892 F1 Score: 0.386407
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639143 Accuracy: 0.728053 F1 Score: 0.386303
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639252 Accuracy: 0.727976 F1 Score: 0.386121
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639566 Accuracy: 0.727899 F1 Score: 0.385939
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639864 Accuracy: 0.727823 F1 Score: 0.385783
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639449 Accuracy: 0.728220 F1 Score: 0.386148
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639771 Accuracy: 0.727906 F1 Score: 0.385817
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639405 Accuracy: 0.728184 F1 Score: 0.385813
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638957 Accuracy: 0.728343 F1 Score: 0.385735
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638605 Accuracy: 0.728736 F1 Score: 0.386098
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638873 Accuracy: 0.728776 F1 Score: 0.386233
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638625 Accuracy: 0.729050 F1 Score: 0.386807
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638795 Accuracy: 0.728972 F1 Score: 0.386603
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638853 Accuracy: 0.728895 F1 Score: 0.386399
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638955 Accuracy: 0.728585 F1 Score: 0.386072
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638869 Accuracy: 0.728625 F1 Score: 0.385919
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638992 Accuracy: 0.728548 F1 Score: 0.385693
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639182 Accuracy: 0.728472 F1 Score: 0.385542
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639353 Accuracy: 0.728281 F1 Score: 0.385553
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639384 Accuracy: 0.728321 F1 Score: 0.385687
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638975 Accuracy: 0.728476 F1 Score: 0.385635
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638825 Accuracy: 0.728631 F1 Score: 0.385558
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638534 Accuracy: 0.728784 F1 Score: 0.385765
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639100 Accuracy: 0.728251 F1 Score: 0.385274
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639143 Accuracy: 0.728291 F1 Score: 0.385150
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639317 Accuracy: 0.728444 F1 Score: 0.385611
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639020 Accuracy: 0.728711 F1 Score: 0.385584
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639254 Accuracy: 0.728523 F1 Score: 0.385570
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.638947 Accuracy: 0.728675 F1 Score: 0.385470
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639645 Accuracy: 0.728374 F1 Score: 0.385384
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639696 Accuracy: 0.728187 F1 Score: 0.385094
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640015 Accuracy: 0.728001 F1 Score: 0.384876
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639977 Accuracy: 0.728153 F1 Score: 0.385102
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640324 Accuracy: 0.727855 F1 Score: 0.384790
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639984 Accuracy: 0.728007 F1 Score: 0.384967
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640002 Accuracy: 0.728047 F1 Score: 0.385144
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640135 Accuracy: 0.727974 F1 Score: 0.385201
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640241 Accuracy: 0.727902 F1 Score: 0.384986
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640296 Accuracy: 0.727941 F1 Score: 0.385137
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640376 Accuracy: 0.727869 F1 Score: 0.384947
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640387 Accuracy: 0.727909 F1 Score: 0.384780
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640480 Accuracy: 0.727837 F1 Score: 0.384861
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640478 Accuracy: 0.727765 F1 Score: 0.384672
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640300 Accuracy: 0.727805 F1 Score: 0.384530
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640231 Accuracy: 0.727954 F1 Score: 0.384458
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640196 Accuracy: 0.727883 F1 Score: 0.384271
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640536 Accuracy: 0.727592 F1 Score: 0.383991
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640704 Accuracy: 0.727632 F1 Score: 0.384659
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640746 Accuracy: 0.727452 F1 Score: 0.384403
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640831 Accuracy: 0.727382 F1 Score: 0.384240
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641194 Accuracy: 0.727312 F1 Score: 0.384009
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640948 Accuracy: 0.727461 F1 Score: 0.383962
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640620 Accuracy: 0.727717 F1 Score: 0.383961
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640697 Accuracy: 0.727648 F1 Score: 0.383799
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640823 Accuracy: 0.727578 F1 Score: 0.383880
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640725 Accuracy: 0.727509 F1 Score: 0.383720
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641461 Accuracy: 0.727224 F1 Score: 0.383468
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641572 Accuracy: 0.727155 F1 Score: 0.383505
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641788 Accuracy: 0.727087 F1 Score: 0.383391
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641790 Accuracy: 0.727019 F1 Score: 0.383187
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641786 Accuracy: 0.727058 F1 Score: 0.383074
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642022 Accuracy: 0.726884 F1 Score: 0.383111
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642752 Accuracy: 0.726389 F1 Score: 0.382685
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642731 Accuracy: 0.726323 F1 Score: 0.383007
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642293 Accuracy: 0.726576 F1 Score: 0.383007
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642513 Accuracy: 0.726297 F1 Score: 0.382695
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642305 Accuracy: 0.726549 F1 Score: 0.382955
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642821 Accuracy: 0.726271 F1 Score: 0.382925
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642608 Accuracy: 0.726311 F1 Score: 0.382814
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642911 Accuracy: 0.725929 F1 Score: 0.382460
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643004 Accuracy: 0.725864 F1 Score: 0.382263
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642933 Accuracy: 0.725905 F1 Score: 0.382132
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643295 Accuracy: 0.725630 F1 Score: 0.381804
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643085 Accuracy: 0.725671 F1 Score: 0.381674
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642816 Accuracy: 0.725712 F1 Score: 0.381545
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642611 Accuracy: 0.725543 F1 Score: 0.381265
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642421 Accuracy: 0.725689 F1 Score: 0.381222
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642650 Accuracy: 0.725521 F1 Score: 0.381006
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642275 Accuracy: 0.725770 F1 Score: 0.381263
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642196 Accuracy: 0.725914 F1 Score: 0.381199
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642270 Accuracy: 0.725850 F1 Score: 0.381028
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642017 Accuracy: 0.725993 F1 Score: 0.380986
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641595 Accuracy: 0.726240 F1 Score: 0.380987
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641459 Accuracy: 0.726279 F1 Score: 0.380859
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641605 Accuracy: 0.726215 F1 Score: 0.381177
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641190 Accuracy: 0.726460 F1 Score: 0.381157
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640969 Accuracy: 0.726601 F1 Score: 0.381599
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640975 Accuracy: 0.726639 F1 Score: 0.381726
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640631 Accuracy: 0.726882 F1 Score: 0.381978
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640229 Accuracy: 0.727022 F1 Score: 0.382147
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640086 Accuracy: 0.727060 F1 Score: 0.382040
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639764 Accuracy: 0.727300 F1 Score: 0.382019
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639525 Accuracy: 0.727439 F1 Score: 0.381976
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639773 Accuracy: 0.727070 F1 Score: 0.381637
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640124 Accuracy: 0.726904 F1 Score: 0.381675
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640188 Accuracy: 0.726841 F1 Score: 0.381776
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639759 Accuracy: 0.727080 F1 Score: 0.382025
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639406 Accuracy: 0.727319 F1 Score: 0.382025
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639314 Accuracy: 0.727355 F1 Score: 0.382416
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639493 Accuracy: 0.727191 F1 Score: 0.382661
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639684 Accuracy: 0.727127 F1 Score: 0.382492
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640148 Accuracy: 0.726863 F1 Score: 0.382466
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639758 Accuracy: 0.727100 F1 Score: 0.382711
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640272 Accuracy: 0.726637 F1 Score: 0.382540
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640056 Accuracy: 0.726774 F1 Score: 0.382702
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640523 Accuracy: 0.726513 F1 Score: 0.382431
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640533 Accuracy: 0.726550 F1 Score: 0.382327
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640432 Accuracy: 0.726587 F1 Score: 0.382223
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640252 Accuracy: 0.726723 F1 Score: 0.382181
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640084 Accuracy: 0.726760 F1 Score: 0.382339
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640622 Accuracy: 0.726501 F1 Score: 0.382052
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640446 Accuracy: 0.726538 F1 Score: 0.381949
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640425 Accuracy: 0.726575 F1 Score: 0.381865
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640366 Accuracy: 0.726612 F1 Score: 0.381783
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640387 Accuracy: 0.726648 F1 Score: 0.381700
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640722 Accuracy: 0.726293 F1 Score: 0.381374
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641413 Accuracy: 0.726037 F1 Score: 0.381410
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641593 Accuracy: 0.725879 F1 Score: 0.381187
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641408 Accuracy: 0.726014 F1 Score: 0.381348
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641308 Accuracy: 0.726051 F1 Score: 0.381227
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641142 Accuracy: 0.726186 F1 Score: 0.381627
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640977 Accuracy: 0.726126 F1 Score: 0.381667
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640919 Accuracy: 0.726163 F1 Score: 0.381566
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640649 Accuracy: 0.726393 F1 Score: 0.381804
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640698 Accuracy: 0.726430 F1 Score: 0.381922
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640488 Accuracy: 0.726562 F1 Score: 0.381881
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640514 Accuracy: 0.726406 F1 Score: 0.381661
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640337 Accuracy: 0.726442 F1 Score: 0.381542
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640264 Accuracy: 0.726382 F1 Score: 0.381401
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640079 Accuracy: 0.726515 F1 Score: 0.381361
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640087 Accuracy: 0.726551 F1 Score: 0.381479
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639932 Accuracy: 0.726682 F1 Score: 0.381889
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640097 Accuracy: 0.726622 F1 Score: 0.381731
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640005 Accuracy: 0.726658 F1 Score: 0.381631
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639559 Accuracy: 0.726979 F1 Score: 0.381906
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639781 Accuracy: 0.726729 F1 Score: 0.381648
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639772 Accuracy: 0.726859 F1 Score: 0.382022
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639871 Accuracy: 0.726705 F1 Score: 0.381805
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639597 Accuracy: 0.726834 F1 Score: 0.381746
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639719 Accuracy: 0.726775 F1 Score: 0.381589
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639534 Accuracy: 0.726810 F1 Score: 0.381491
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639511 Accuracy: 0.726845 F1 Score: 0.381856
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639539 Accuracy: 0.726880 F1 Score: 0.381776
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639530 Accuracy: 0.726914 F1 Score: 0.381678
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639593 Accuracy: 0.726855 F1 Score: 0.381523
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639487 Accuracy: 0.726890 F1 Score: 0.381407
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639625 Accuracy: 0.726644 F1 Score: 0.381136
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639971 Accuracy: 0.726493 F1 Score: 0.381382
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640128 Accuracy: 0.726341 F1 Score: 0.381399
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640008 Accuracy: 0.726190 F1 Score: 0.381630
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639867 Accuracy: 0.726319 F1 Score: 0.381555
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639464 Accuracy: 0.726632 F1 Score: 0.381840
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639331 Accuracy: 0.726667 F1 Score: 0.381761
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639849 Accuracy: 0.726424 F1 Score: 0.381738
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.639975 Accuracy: 0.726366 F1 Score: 0.381603
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640166 Accuracy: 0.726217 F1 Score: 0.381393
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640682 Accuracy: 0.725976 F1 Score: 0.381425
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640762 Accuracy: 0.725919 F1 Score: 0.381254
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641014 Accuracy: 0.725863 F1 Score: 0.381763
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640881 Accuracy: 0.725990 F1 Score: 0.381706
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641144 Accuracy: 0.725842 F1 Score: 0.381498
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641186 Accuracy: 0.725877 F1 Score: 0.382283
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641053 Accuracy: 0.726004 F1 Score: 0.382209
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641504 Accuracy: 0.725856 F1 Score: 0.382036
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641648 Accuracy: 0.725710 F1 Score: 0.381881
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641435 Accuracy: 0.725836 F1 Score: 0.381861
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641127 Accuracy: 0.726052 F1 Score: 0.381843
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641455 Accuracy: 0.725996 F1 Score: 0.382155
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641369 Accuracy: 0.725941 F1 Score: 0.381987
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641312 Accuracy: 0.725975 F1 Score: 0.381910
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641088 Accuracy: 0.726190 F1 Score: 0.382150
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640977 Accuracy: 0.726135 F1 Score: 0.382018
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640620 Accuracy: 0.726259 F1 Score: 0.382165
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640848 Accuracy: 0.726203 F1 Score: 0.382015
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640877 Accuracy: 0.726237 F1 Score: 0.382361
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640961 Accuracy: 0.726092 F1 Score: 0.382174
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641005 Accuracy: 0.726037 F1 Score: 0.382043
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640620 Accuracy: 0.726250 F1 Score: 0.382025
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640780 Accuracy: 0.726195 F1 Score: 0.381895
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641261 Accuracy: 0.725873 F1 Score: 0.381763
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641421 Accuracy: 0.725818 F1 Score: 0.381616
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641163 Accuracy: 0.726030 F1 Score: 0.382249
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640923 Accuracy: 0.726241 F1 Score: 0.382250
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641149 Accuracy: 0.726098 F1 Score: 0.382047
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640961 Accuracy: 0.726220 F1 Score: 0.381993
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641185 Accuracy: 0.725900 F1 Score: 0.381699
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640932 Accuracy: 0.726111 F1 Score: 0.381717
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640912 Accuracy: 0.726144 F1 Score: 0.381823
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641250 Accuracy: 0.725826 F1 Score: 0.381531
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641228 Accuracy: 0.725948 F1 Score: 0.381710
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641205 Accuracy: 0.725894 F1 Score: 0.381980
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641345 Accuracy: 0.725840 F1 Score: 0.381852
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641269 Accuracy: 0.725874 F1 Score: 0.381975
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641343 Accuracy: 0.725821 F1 Score: 0.381796
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641815 Accuracy: 0.725418 F1 Score: 0.381699
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641695 Accuracy: 0.725279 F1 Score: 0.381536
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641743 Accuracy: 0.725313 F1 Score: 0.381874
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641810 Accuracy: 0.725260 F1 Score: 0.381959
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641993 Accuracy: 0.725208 F1 Score: 0.381833
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642186 Accuracy: 0.725156 F1 Score: 0.381918
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642339 Accuracy: 0.725104 F1 Score: 0.381792
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642739 Accuracy: 0.724879 F1 Score: 0.381594
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642835 Accuracy: 0.724741 F1 Score: 0.381381
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643131 Accuracy: 0.724604 F1 Score: 0.381203
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642920 Accuracy: 0.724811 F1 Score: 0.381431
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642690 Accuracy: 0.724931 F1 Score: 0.381606
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643012 Accuracy: 0.724709 F1 Score: 0.381341
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642696 Accuracy: 0.724914 F1 Score: 0.381534
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642936 Accuracy: 0.724778 F1 Score: 0.381967
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642505 Accuracy: 0.725068 F1 Score: 0.382021
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642902 Accuracy: 0.724761 F1 Score: 0.381912
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642579 Accuracy: 0.724966 F1 Score: 0.381913
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642742 Accuracy: 0.724915 F1 Score: 0.381789
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642685 Accuracy: 0.725034 F1 Score: 0.382377
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642224 Accuracy: 0.725322 F1 Score: 0.382414
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642580 Accuracy: 0.725017 F1 Score: 0.382148
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642596 Accuracy: 0.725051 F1 Score: 0.382250
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642646 Accuracy: 0.725000 F1 Score: 0.382126
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642657 Accuracy: 0.725034 F1 Score: 0.382433
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642846 Accuracy: 0.724983 F1 Score: 0.382293
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643268 Accuracy: 0.724764 F1 Score: 0.382116
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642989 Accuracy: 0.725050 F1 Score: 0.382169
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643151 Accuracy: 0.724916 F1 Score: 0.381961
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.643036 Accuracy: 0.724866 F1 Score: 0.381806
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642788 Accuracy: 0.725067 F1 Score: 0.382401
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642623 Accuracy: 0.725267 F1 Score: 0.382419
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642614 Accuracy: 0.725300 F1 Score: 0.382332
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642681 Accuracy: 0.725333 F1 Score: 0.382262
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642350 Accuracy: 0.725533 F1 Score: 0.382280
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642081 Accuracy: 0.725648 F1 Score: 0.382212
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642042 Accuracy: 0.725681 F1 Score: 0.382125
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642299 Accuracy: 0.725630 F1 Score: 0.382021
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642308 Accuracy: 0.725579 F1 Score: 0.382103
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642104 Accuracy: 0.725694 F1 Score: 0.382424
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642157 Accuracy: 0.725644 F1 Score: 0.382253
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641915 Accuracy: 0.725841 F1 Score: 0.382843
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641907 Accuracy: 0.725873 F1 Score: 0.382941
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641662 Accuracy: 0.726069 F1 Score: 0.382941
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641390 Accuracy: 0.726183 F1 Score: 0.382890
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641367 Accuracy: 0.726214 F1 Score: 0.382804
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641675 Accuracy: 0.726081 F1 Score: 0.382632
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641755 Accuracy: 0.726031 F1 Score: 0.382495
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641743 Accuracy: 0.725980 F1 Score: 0.382358
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641469 Accuracy: 0.726093 F1 Score: 0.382508
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642042 Accuracy: 0.725880 F1 Score: 0.382319
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641939 Accuracy: 0.725830 F1 Score: 0.382366
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641611 Accuracy: 0.726024 F1 Score: 0.382366
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642127 Accuracy: 0.725731 F1 Score: 0.382095
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642212 Accuracy: 0.725600 F1 Score: 0.381910
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642298 Accuracy: 0.725470 F1 Score: 0.381725
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642042 Accuracy: 0.725663 F1 Score: 0.381924
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642004 Accuracy: 0.725614 F1 Score: 0.381790
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642592 Accuracy: 0.725323 F1 Score: 0.381538
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642386 Accuracy: 0.725435 F1 Score: 0.381670
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642338 Accuracy: 0.725547 F1 Score: 0.382014
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642193 Accuracy: 0.725578 F1 Score: 0.381915
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642277 Accuracy: 0.725530 F1 Score: 0.381782
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642308 Accuracy: 0.725561 F1 Score: 0.381667
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642521 Accuracy: 0.725432 F1 Score: 0.381485
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642504 Accuracy: 0.725543 F1 Score: 0.381647
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642305 Accuracy: 0.725655 F1 Score: 0.381583
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641909 Accuracy: 0.725925 F1 Score: 0.381633
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642032 Accuracy: 0.725876 F1 Score: 0.381533
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641973 Accuracy: 0.725986 F1 Score: 0.381468
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641545 Accuracy: 0.726255 F1 Score: 0.381502
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641602 Accuracy: 0.726047 F1 Score: 0.381241
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641524 Accuracy: 0.725998 F1 Score: 0.381094
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641350 Accuracy: 0.726108 F1 Score: 0.381046
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640826 Accuracy: 0.726454 F1 Score: 0.381129
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640911 Accuracy: 0.726405 F1 Score: 0.381192
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641250 Accuracy: 0.726119 F1 Score: 0.381125
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641243 Accuracy: 0.726071 F1 Score: 0.381188
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641232 Accuracy: 0.726101 F1 Score: 0.381465
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641620 Accuracy: 0.725738 F1 Score: 0.381364
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641611 Accuracy: 0.725690 F1 Score: 0.381219
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641535 Accuracy: 0.725799 F1 Score: 0.381156
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641604 Accuracy: 0.725751 F1 Score: 0.381027
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641738 Accuracy: 0.725703 F1 Score: 0.380914
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641819 Accuracy: 0.725655 F1 Score: 0.380786
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641497 Accuracy: 0.725842 F1 Score: 0.380962
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641133 Accuracy: 0.726105 F1 Score: 0.381187
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641089 Accuracy: 0.726213 F1 Score: 0.381730
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640992 Accuracy: 0.726320 F1 Score: 0.381682
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641230 Accuracy: 0.726194 F1 Score: 0.381521
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641982 Accuracy: 0.725759 F1 Score: 0.381403
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641886 Accuracy: 0.725866 F1 Score: 0.381356
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641942 Accuracy: 0.725896 F1 Score: 0.381623
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642094 Accuracy: 0.725849 F1 Score: 0.381481
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641815 Accuracy: 0.725956 F1 Score: 0.381419
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641827 Accuracy: 0.725985 F1 Score: 0.381527
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641753 Accuracy: 0.726015 F1 Score: 0.381605
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641838 Accuracy: 0.725967 F1 Score: 0.381464
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641878 Accuracy: 0.725997 F1 Score: 0.381601
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641943 Accuracy: 0.725950 F1 Score: 0.381519
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641994 Accuracy: 0.725903 F1 Score: 0.381579
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641994 Accuracy: 0.725779 F1 Score: 0.381376
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641717 Accuracy: 0.725962 F1 Score: 0.381362
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641835 Accuracy: 0.725838 F1 Score: 0.381360
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641795 Accuracy: 0.725868 F1 Score: 0.381281
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642008 Accuracy: 0.725745 F1 Score: 0.381139
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641813 Accuracy: 0.725851 F1 Score: 0.381078
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641850 Accuracy: 0.725880 F1 Score: 0.381185
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641885 Accuracy: 0.725833 F1 Score: 0.381060
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642085 Accuracy: 0.725711 F1 Score: 0.380889
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642020 Accuracy: 0.725741 F1 Score: 0.380797
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641977 Accuracy: 0.725770 F1 Score: 0.380690
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641789 Accuracy: 0.725950 F1 Score: 0.380889
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641764 Accuracy: 0.725979 F1 Score: 0.380783
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641604 Accuracy: 0.726008 F1 Score: 0.380904
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641379 Accuracy: 0.726187 F1 Score: 0.380919
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641536 Accuracy: 0.725990 F1 Score: 0.380689
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641930 Accuracy: 0.725719 F1 Score: 0.380471
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641702 Accuracy: 0.725898 F1 Score: 0.380655
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641858 Accuracy: 0.725778 F1 Score: 0.380866
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641806 Accuracy: 0.725732 F1 Score: 0.381429
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641595 Accuracy: 0.725835 F1 Score: 0.381383
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641508 Accuracy: 0.725939 F1 Score: 0.381534
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641236 Accuracy: 0.726042 F1 Score: 0.381488
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641519 Accuracy: 0.725922 F1 Score: 0.381363
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641523 Accuracy: 0.725876 F1 Score: 0.381435
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641415 Accuracy: 0.725905 F1 Score: 0.381344
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641043 Accuracy: 0.726229 F1 Score: 0.381783
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641177 Accuracy: 0.726183 F1 Score: 0.381675
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641175 Accuracy: 0.726285 F1 Score: 0.382163
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641129 Accuracy: 0.726240 F1 Score: 0.382026
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640790 Accuracy: 0.726341 F1 Score: 0.381966
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641127 Accuracy: 0.726075 F1 Score: 0.381750
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641273 Accuracy: 0.726029 F1 Score: 0.381642
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641023 Accuracy: 0.726278 F1 Score: 0.381688
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641052 Accuracy: 0.726159 F1 Score: 0.381536
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640933 Accuracy: 0.726260 F1 Score: 0.381491
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640721 Accuracy: 0.726434 F1 Score: 0.381491
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640575 Accuracy: 0.726535 F1 Score: 0.381446
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640674 Accuracy: 0.726416 F1 Score: 0.381295
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640968 Accuracy: 0.726152 F1 Score: 0.381260
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640984 Accuracy: 0.726107 F1 Score: 0.381140
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641240 Accuracy: 0.725917 F1 Score: 0.380930
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641235 Accuracy: 0.725799 F1 Score: 0.380943
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641576 Accuracy: 0.725537 F1 Score: 0.380718
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641659 Accuracy: 0.725566 F1 Score: 0.381003
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641369 Accuracy: 0.725739 F1 Score: 0.381004
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641544 Accuracy: 0.725694 F1 Score: 0.381089
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641420 Accuracy: 0.725795 F1 Score: 0.381060
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641718 Accuracy: 0.725534 F1 Score: 0.380821
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641929 Accuracy: 0.725490 F1 Score: 0.380689
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641933 Accuracy: 0.725518 F1 Score: 0.380629
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641764 Accuracy: 0.725547 F1 Score: 0.380527
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641591 Accuracy: 0.725575 F1 Score: 0.380426
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641547 Accuracy: 0.725531 F1 Score: 0.380295
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Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641858 Accuracy: 0.725344 F1 Score: 0.380117
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641756 Accuracy: 0.725444 F1 Score: 0.380074
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641843 Accuracy: 0.725400 F1 Score: 0.379971
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641779 Accuracy: 0.725286 F1 Score: 0.379811
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641694 Accuracy: 0.725385 F1 Score: 0.379930
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641860 Accuracy: 0.725342 F1 Score: 0.379841
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641436 Accuracy: 0.725584 F1 Score: 0.379872
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641698 Accuracy: 0.725469 F1 Score: 0.379713
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641866 Accuracy: 0.725284 F1 Score: 0.379873
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641782 Accuracy: 0.725383 F1 Score: 0.380192
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641956 Accuracy: 0.725340 F1 Score: 0.380250
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642075 Accuracy: 0.725297 F1 Score: 0.380349
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641877 Accuracy: 0.725396 F1 Score: 0.380975
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641693 Accuracy: 0.725565 F1 Score: 0.380989
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641808 Accuracy: 0.725451 F1 Score: 0.380830
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642046 Accuracy: 0.725268 F1 Score: 0.380655
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642337 Accuracy: 0.725084 F1 Score: 0.380625
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642125 Accuracy: 0.725183 F1 Score: 0.380583
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642035 Accuracy: 0.725351 F1 Score: 0.380570
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641813 Accuracy: 0.725449 F1 Score: 0.380862
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641724 Accuracy: 0.725476 F1 Score: 0.380790
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641719 Accuracy: 0.725434 F1 Score: 0.380649
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641648 Accuracy: 0.725461 F1 Score: 0.380550
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641605 Accuracy: 0.725489 F1 Score: 0.380466
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641751 Accuracy: 0.725377 F1 Score: 0.380322
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641855 Accuracy: 0.725195 F1 Score: 0.380123
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641691 Accuracy: 0.725223 F1 Score: 0.380358
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641632 Accuracy: 0.725320 F1 Score: 0.380512
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641757 Accuracy: 0.725278 F1 Score: 0.380424
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641807 Accuracy: 0.725166 F1 Score: 0.380295
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641923 Accuracy: 0.725055 F1 Score: 0.380126
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641774 Accuracy: 0.725083 F1 Score: 0.380029
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642185 Accuracy: 0.724972 F1 Score: 0.379900
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642050 Accuracy: 0.725000 F1 Score: 0.379804
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642189 Accuracy: 0.724959 F1 Score: 0.379705
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642357 Accuracy: 0.724917 F1 Score: 0.379580
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642251 Accuracy: 0.725014 F1 Score: 0.379539
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642082 Accuracy: 0.725110 F1 Score: 0.379499
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642170 Accuracy: 0.725137 F1 Score: 0.379757
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641945 Accuracy: 0.725302 F1 Score: 0.379745
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641811 Accuracy: 0.725329 F1 Score: 0.379819
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641793 Accuracy: 0.725288 F1 Score: 0.379720
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642090 Accuracy: 0.725178 F1 Score: 0.379579
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642576 Accuracy: 0.724863 F1 Score: 0.379352
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642537 Accuracy: 0.724891 F1 Score: 0.379296
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642645 Accuracy: 0.724782 F1 Score: 0.379312
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642661 Accuracy: 0.724741 F1 Score: 0.379214
```

```
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642344 Accuracy: 0.724973 F1 Score: 0.379412
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642419 Accuracy: 0.725000 F1 Score: 0.379330
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642319 Accuracy: 0.725095 F1 Score: 0.379290
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642427 Accuracy: 0.725054 F1 Score: 0.379205
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642271 Accuracy: 0.725149 F1 Score: 0.379499
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642385 Accuracy: 0.725041 F1 Score: 0.379515
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642563 Accuracy: 0.725000 F1 Score: 0.379430
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642357 Accuracy: 0.725229 F1 Score: 0.379460
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642436 Accuracy: 0.725189 F1 Score: 0.379350
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642157 Accuracy: 0.725418 F1 Score: 0.379380
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642080 Accuracy: 0.725511 F1 Score: 0.379661
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.642137 Accuracy: 0.725470 F1 Score: 0.379896
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641976 Accuracy: 0.725564 F1 Score: 0.379856
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641895 Accuracy: 0.725590 F1 Score: 0.380105
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641927 Accuracy: 0.725549 F1 Score: 0.380021
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641763 Accuracy: 0.725709 F1 Score: 0.380022
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641816 Accuracy: 0.725735 F1 Score: 0.379966
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641663 Accuracy: 0.725828 F1 Score: 0.379913
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641741 Accuracy: 0.725854 F1 Score: 0.380009
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641724 Accuracy: 0.725946 F1 Score: 0.380159
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641634 Accuracy: 0.726038 F1 Score: 0.380283
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641657 Accuracy: 0.726064 F1 Score: 0.380215
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641893 Accuracy: 0.725956 F1 Score: 0.380078
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641745 Accuracy: 0.726048 F1 Score: 0.380051
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641870 Accuracy: 0.725941 F1 Score: 0.379940
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641591 Accuracy: 0.726099 F1 Score: 0.379928
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641650 Accuracy: 0.725992 F1 Score: 0.379955
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641696 Accuracy: 0.726017 F1 Score: 0.379875
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641611 Accuracy: 0.726043 F1 Score: 0.379794
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641309 Accuracy: 0.726266 F1 Score: 0.379986
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641221 Accuracy: 0.726357 F1 Score: 0.379946
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640847 Accuracy: 0.726579 F1 Score: 0.380137
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641065 Accuracy: 0.726341 F1 Score: 0.379908
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641042 Accuracy: 0.726366 F1 Score: 0.379866
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641295 Accuracy: 0.726259 F1 Score: 0.379706
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641434 Accuracy: 0.726088 F1 Score: 0.379519
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641207 Accuracy: 0.726243 F1 Score: 0.379507
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641028 Accuracy: 0.726334 F1 Score: 0.379468
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640632 Accuracy: 0.726620 F1 Score: 0.379698
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640755 Accuracy: 0.726644 F1 Score: 0.379792
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640689 Accuracy: 0.726734 F1 Score: 0.379914
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640630 Accuracy: 0.726693 F1 Score: 0.379820
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641128 Accuracy: 0.726522 F1 Score: 0.379993
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641146 Accuracy: 0.726546 F1 Score: 0.379914
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641235 Accuracy: 0.726571 F1 Score: 0.379834
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641276 Accuracy: 0.726530 F1 Score: 0.379728
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641203 Accuracy: 0.726554 F1 Score: 0.379662
```

```
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641205 Accuracy: 0.726554 F1 Score: 0.379602
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641105 Accuracy: 0.726579 F1 Score: 0.379584
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640999 Accuracy: 0.726603 F1 Score: 0.379530
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640917 Accuracy: 0.726692 F1 Score: 0.379504
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641072 Accuracy: 0.726651 F1 Score: 0.379386
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641049 Accuracy: 0.726611 F1 Score: 0.379281
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640808 Accuracy: 0.726699 F1 Score: 0.379242
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640666 Accuracy: 0.726852 F1 Score: 0.379256
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640482 Accuracy: 0.726940 F1 Score: 0.379217
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640535 Accuracy: 0.726835 F1 Score: 0.379061
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640482 Accuracy: 0.726731 F1 Score: 0.378917
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640558 Accuracy: 0.726691 F1 Score: 0.378800
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641124 Accuracy: 0.726459 F1 Score: 0.378604
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641276 Accuracy: 0.726355 F1 Score: 0.378498
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641244 Accuracy: 0.726443 F1 Score: 0.378767
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641418 Accuracy: 0.726403 F1 Score: 0.378847
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641511 Accuracy: 0.726427 F1 Score: 0.378770
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641288 Accuracy: 0.726578 F1 Score: 0.378917
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641159 Accuracy: 0.726602 F1 Score: 0.379146
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641290 Accuracy: 0.726562 F1 Score: 0.379200
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641471 Accuracy: 0.726396 F1 Score: 0.379201
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641421 Accuracy: 0.726483 F1 Score: 0.379187
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641459 Accuracy: 0.726507 F1 Score: 0.379280
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641181 Accuracy: 0.726657 F1 Score: 0.379280
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641271 Accuracy: 0.726681 F1 Score: 0.379385
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641423 Accuracy: 0.726578 F1 Score: 0.379400
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641532 Accuracy: 0.726476 F1 Score: 0.379585
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641690 Accuracy: 0.726373 F1 Score: 0.379624
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641597 Accuracy: 0.726397 F1 Score: 0.379547
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641268 Accuracy: 0.726547 F1 Score: 0.379536
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641383 Accuracy: 0.726445 F1 Score: 0.379395
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641572 Accuracy: 0.726343 F1 Score: 0.379278
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641509 Accuracy: 0.726367 F1 Score: 0.379202
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641393 Accuracy: 0.726453 F1 Score: 0.379320
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641392 Accuracy: 0.726476 F1 Score: 0.379579
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641303 Accuracy: 0.726562 F1 Score: 0.379553
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641292 Accuracy: 0.726586 F1 Score: 0.379477
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641221 Accuracy: 0.726609 F1 Score: 0.379401
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641341 Accuracy: 0.726508 F1 Score: 0.379440
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641136 Accuracy: 0.726656 F1 Score: 0.379441
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641266 Accuracy: 0.726617 F1 Score: 0.379506
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640991 Accuracy: 0.726827 F1 Score: 0.379687
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640875 Accuracy: 0.726850 F1 Score: 0.379789
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.641022 Accuracy: 0.726811 F1 Score: 0.379700
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640695 Accuracy: 0.727019 F1 Score: 0.379880
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640732 Accuracy: 0.727042 F1 Score: 0.379958
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640534 Accuracy: 0.727250 F1 Score: 0.379996
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640359 Accuracy: 0.727224 F1 Score: 0.379946
```

```
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640359 Accuracy: 0.727334 F1 Score: 0.379946
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640080 Accuracy: 0.727542 F1 Score: 0.379972
Epoch: 3/3... Step: 3800... Loss: 0.834224... Val Loss: 0.640037 Accuracy: 0.727502 F1 Score: 0.379859
3800 steps in epoch 3

Epoch: 3, Average Accuracy: 0.72750247, Average f1: 0.37985875

<Figure size 432x288 with 0 Axes>
```

Confusion matrix, without normalization
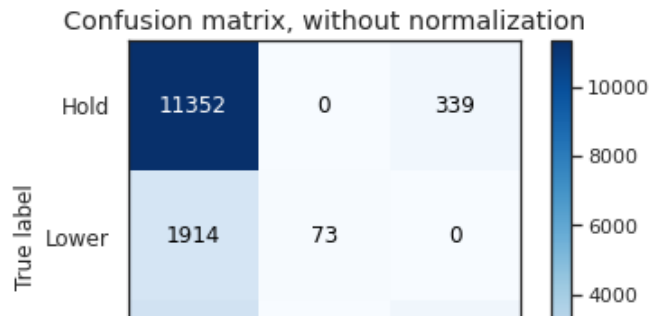
E. BERT Model

```
#from transformers import *
from transformers import BertTokenizer, BertForSequenceClassification, BertModel
```

```
class InputFeature(object):
    def __init__(self, id, input_ids, masks, segments, meta, label=None):
        self.id = id
        self.features = {
            'input_ids': input_ids,
            'input_mask': masks,
            'segment_ids': segments,
            'meta': meta
        }
        self.label = label
```

```
tokenizer = BertTokenizer.from_pretrained('bert-base-uncased', do_lower_case=True)
```

```
def bert_encoder(text, max_len=200):
    text_token = tokenizer.tokenize(text)
    text_token = text_token[:max_len-2]
```

```
    text_token = ["[CLS]"] + text_token + ["[SEP]"]
    text_ids = tokenizer.convert_tokens_to_ids(text_token)
    text_ids += [0] * (max_len - len(text_token))
    pad_masks = [1] * len(text_token) + [0] * (max_len - len(text_token))
    segment_ids = [0] * len(text_token) + [0] * (max_len - len(text_token))

    return text_ids, pad_masks, segment_ids
```

```
train_set = []
max_seq_length = 200
meta_size = 10

for index, row in tqdm(split_train_df.iterrows(), total=split_train_df.shape[0]):
    input_ids, masks, segments = bert_encoder(row['text'], max_seq_length)
    train_set.append(InputFeature(row.index, input_ids, masks, segments, row[nontext_columns + ['tone']], int(row['target'])

train_labels = split_train_df['target'].astype(int).values
train_valid_input_ids = np.array([data.features['input_ids'] for data in train_set])
train_valid_input_masks = np.array([data.features['input_mask'] for data in train_set])
train_valid_segment_ids =np.array([data.features['segment_ids'] for data in train_set])
train_valid_meta =np.array([data.features['meta'] for data in train_set], dtype=np.float64)
train_valid_labels = np.array([data.label for data in train_set])

oof_train = np.zeros((len(split_train_df), 3), dtype=np.float32)
```

```
print(train_valid_meta[0])
print(train_valid_meta[1])

    [ 1.00000000e+00  4.56196565e-01  3.88000000e+01 -1.69000000e+02
      1.80763085e+00 -1.66666667e-01 -1.82261431e-02 -1.54852748e+01
      3.72294722e-03  0.00000000e+00]
    [ 0.00000000e+00 -3.82295254e-01  3.94000000e+01 -2.28000000e+02
      1.80763085e+00 -2.00000000e-01 -1.82261431e-02 -9.53749560e+00
      3.72294722e-03 -2.45721963e-01]
```

```python
class BertTextClassifier(nn.Module):
    def __init__(self, hidden_size, dense_size, meta_size, output_size, dropout=0.1):
        super().__init__()
        self.output_size = output_size
        self.dropout = dropout

        self.bert = BertModel.from_pretrained('bert-base-uncased',
                                              output_hidden_states=True,
                                              output_attentions=True)
        for param in self.bert.parameters():
            param.requires_grad = True
        self.weights = nn.Parameter(torch.rand(13, 1))
        self.dropout = nn.Dropout(dropout)
        self.fc1 = nn.Linear(hidden_size, dense_size)
        self.fc2 = nn.Linear(dense_size + meta_size, output_size)
        self.softmax = nn.LogSoftmax(dim=1)


    def forward(self, input_ids, nn_input_meta):
        all_hidden_states, all_attentions = self.bert(input_ids)[-2:]
        batch_size = input_ids.shape[0]
        ht_cls = torch.cat(all_hidden_states)[:, :1, :].view(13, batch_size, 1, 768)
        atten = torch.sum(ht_cls * self.weights.view(13, 1, 1, 1), dim=[1, 3])
        atten = F.softmax(atten.view(-1), dim=0)
        feature = torch.sum(ht_cls * atten.view(13, 1, 1, 1), dim=[0, 2])
        # Dense layer
        dense_out = self.fc1(self.dropout(feature))
        concat_layer = torch.cat((dense_out, nn_input_meta.float()), 1)
        # print(len(dense_out[0]))
        # print(len(nn_input_meta[0]))
        # print(len(concat_layer[0]))
        # print("dense_out: \n", dense_out)
        # print("nn_input_meta: \n", nn_input_meta)
        # print("concat_layer: \n", concat_layer)
        out = self.fc2(concat_layer)
        #logps = self.softmax(out)

        return out


# Check how BertTokenizer works
tokenizer = BertTokenizer.from_pretrained('bert-base-uncased')
```

```python
tokenizer = BertTokenizer.from_pretrained('bert-base-uncased')
model = BertModel.from_pretrained('bert-base-uncased')
torch.save(model.state_dict(), model_dir + 'bert_case_unbased')

input_ids = torch.tensor(tokenizer.encode("Hello, my dog is cute", add_special_tokens=True)).unsqueeze(0)  # Batch size 1
outputs = model(input_ids)

print(input_ids)
print(outputs) # The last hidden-state is the first element of the output tuple
```

```
tensor([[  101,  7592,  1010,  2026,  3899,  2003, 10140,   102]])
(tensor([[[-0.1144,  0.1937,  0.1250,  ..., -0.3827,  0.2107,  0.5407],
          [ 0.5308,  0.3207,  0.3665,  ..., -0.0036,  0.7579,  0.0388],
          [-0.4877,  0.8849,  0.4256,  ..., -0.6976,  0.4458,  0.1231],
          ...,
          [-0.7003, -0.1815,  0.3297,  ..., -0.4838,  0.0680,  0.8901],
          [-1.0355, -0.2567, -0.0317,  ...,  0.3197,  0.3999,  0.1795],
          [ 0.6080,  0.2610, -0.3131,  ...,  0.0311, -0.6283, -0.1994]]],
        grad_fn=<NativeLayerNormBackward>), tensor([[-7.1946e-01, -2.1445e-01, -2.9576e-01,  3.6603e-01,  2.7968e-01,
          2.2184e-02,  5.7299e-01,  6.2331e-02,  5.9586e-02, -9.9965e-01,
          5.0146e-02,  4.4756e-01,  9.7612e-01,  3.3988e-02,  8.4494e-01,
         -3.6905e-01,  9.8649e-02, -3.7169e-01,  1.7371e-01,  1.1515e-01,
          4.4133e-01,  9.9525e-01,  3.7221e-01,  8.2881e-02,  2.1402e-01,
          6.8965e-01, -6.1042e-01,  8.7136e-01,  9.4158e-01,  5.7372e-01,
         -3.2187e-01,  8.6672e-03, -9.8611e-01, -2.0542e-02, -4.3756e-01,
         -9.8012e-01,  1.1142e-01, -6.7587e-01,  1.3499e-01,  3.1130e-01,
         -8.2997e-01,  1.9006e-01,  9.9896e-01, -3.1798e-01,  2.1517e-02,
         -1.6531e-01, -9.9943e-01,  1.0173e-01, -8.1811e-01,  3.3119e-02,
          3.6740e-01, -7.3230e-02, -1.4261e-01,  1.8907e-01,  2.6119e-01,
          4.1582e-01, -2.4427e-01, -5.9846e-02, -7.3492e-02, -3.4202e-01,
         -5.8001e-01,  2.8331e-01, -5.0513e-01, -8.1967e-01,  1.9813e-01,
          1.9108e-01,  3.7011e-02, -1.1327e-01,  1.3472e-01, -2.1614e-01,
          6.3494e-01,  2.4869e-02,  3.8287e-01, -8.1779e-01, -2.4874e-01,
          8.4982e-02, -5.2998e-01,  1.0000e+00, -5.2155e-02, -9.7052e-01,
          3.9848e-01,  2.1360e-02,  3.9035e-01,  3.5588e-01, -1.7881e-01,
         -9.9997e-01,  2.6939e-01, -3.8057e-02, -9.8657e-01,  6.9322e-02,
          3.9138e-01, -2.1884e-02, -9.6332e-02,  3.8545e-01, -3.4136e-01,
         -8.0362e-02, -3.2022e-02, -3.6328e-01, -7.8130e-02,  1.9192e-02,
         -1.3429e-01, -1.6013e-02, -5.2640e-02, -2.8006e-01,  9.3611e-02,
         -2.2885e-01, -1.2305e-01, -1.1002e-01, -3.2808e-01,  4.0356e-01,
          2.8048e-01, -2.0102e-01,  2.7685e-01, -9.4023e-01,  4.1756e-01,
         -1.5473e-01, -9.7553e-01, -4.3003e-01, -9.8546e-01,  5.9158e-01,
          3.7344e-02, -1.9320e-01,  9.1691e-01,  3.6012e-01,  1.4505e-01,
          1.5398e-01, -1.0657e-02, -1.0000e+00, -3.1573e-01, -3.1037e-01,
          1.6523e-01, -8.0330e-02, -9.6650e-01, -9.4546e-01,  3.6145e-01,
```

```
                    9.0138e-01, -7.2696e-02,  9.9774e-01,  3.7289e-02,  9.3599e-01,
                    2.5317e-01, -2.0185e-01,  2.9533e-02, -2.3162e-01,  3.4632e-01,
                   -1.0763e-01, -2.6565e-01,  1.0874e-01,  1.2985e-01,  2.1134e-02,
                   -9.6283e-02, -7.6358e-02, -6.5149e-02, -8.9277e-01, -2.3465e-01,
                    9.1176e-01,  7.0429e-02, -2.1429e-01,  3.8197e-01,  3.5892e-02,
                   -1.6971e-01,  7.0654e-01,  2.4045e-01,  1.5014e-01, -1.9478e-02,
                    2.1369e-01, -1.7977e-01,  3.5112e-01, -6.0260e-01,  4.1683e-01,
                    1.8090e-01, -3.2497e-02, -3.0137e-01, -9.7103e-01, -1.3917e-01,
                    3.5130e-01,  9.8326e-01,  5.2702e-01,  4.8812e-02,  1.3991e-02,
                   -6.7964e-02,  2.9718e-01, -9.4136e-01,  9.7219e-01, -2.4774e-02,
                    1.5224e-01, -1.8241e-01,  5.5584e-02, -7.7306e-01, -9.9000e-02,
                    4.7058e-01, -1.7022e-01, -7.7803e-01,  5.2834e-02, -3.7679e-01,
                   -4.1296e-02, -4.9612e-01,  1.4171e-01, -1.1803e-01, -1.8995e-01,
                    5.0384e-02,  9.0623e-01,  7.8828e-01,  5.2288e-01, -3.5274e-01,
                    2.8563e-01, -8.1494e-01, -1.9622e-01, -9.2975e-02,  5.9311e-02,
                    3.1902e-02,  9.8860e-01, -3.9452e-01,  1.1867e-01, -8.6977e-01,
                   -9.7789e-01, -1.4859e-01, -7.7064e-01, -4.0617e-03, -4.1152e-01,
                    3.2578e-01,  1.8777e-01, -2.4501e-01,  2.6668e-01, -7.9329e-01,
                   -4.8133e-01,  9.3245e-02, -1.7010e-01,  2.7043e-01, -3.5880e-02,
                    7.7973e-01,  4.6696e-01, -3.4636e-01,  5.5238e-02,  9.0312e-01,
                   -2.4115e-01, -6.4200e-01,  4.1441e-01, -9.7797e-02,  6.2983e-01,
                   -4.1787e-01,  9.4069e-01,  4.9285e-01,  3.6058e-01, -8.7901e-01,
                   -2.6726e-01, -5.4679e-01,  9.3944e-04, -1.0502e-02, -4.6837e-01,
                    3.1116e-01,  3.6999e-01,  1.3306e-01,  6.4092e-01, -3.5630e-01,
```

```python
# Test Tokenizer - Own Implementation
bert_model = BertTextClassifier(768, 128, meta_size, 3, dropout=0.1)

text_ids, pad_masks, segment_ids = bert_encoder("Hello, my dog is cute")
print('text_ids: \n', text_ids)
print('text_ids (torch.tensor): \n', torch.tensor(text_ids))
text_ids = torch.tensor(text_ids).unsqueeze(0)
print('text_ids (unsqueezed): \n', text_ids)
#print('pad_masks: ',pad_masks)
#print('segment_ids: ',segment_ids)
x_meta = torch.tensor([1,2,3,4,5,6,7,8,9,10]).unsqueeze(0)
outputs = bert_model(text_ids, x_meta)
print(len(outputs))
print('outputs: \n',outputs)
print('outputs(detached): \n', outputs.detach())
```

```
    text_ids:
     [101, 7592, 1010, 2026, 3899, 2003, 10140, 102, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
    text_ids (torch.tensor):
```

```
tensor([  101,  7592,  1010,  2026,  3899,  2003, 10140,   102,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
            0,     0,     0,     0,     0,     0,     0,     0,     0,     0])
text_ids (unsqueezed):
tensor([[  101,  7592,  1010,  2026,  3899,  2003, 10140,   102,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0,
             0,     0,     0,     0,     0,     0,     0,     0,     0,     0]])
1
outputs:
tensor([[-0.4407,  0.2616,  1.2014]], grad_fn=<AddmmBackward>)
outputs(detached):
tensor([[-0.4407,  0.2616,  1.2014]])
```

```python
# Hyperparameters
learning_rate = 1e-5
num_epochs = 3
batch_size = 32
patience =2
file_name = 'model'
use_skf = True
bert_hidden_size = 768
bert_dense_size =128


def train_bert(fold, train_indices, valid_indices):

    # Number of folds to iterrate
    # if fold == 3:
    #      break

    logger.info('================     fold {}        ==============='.format(fold))

    # Train Data in Tensor
    train_input_ids = torch.tensor(train_valid_input_ids[train_indices], dtype=torch.long)
    train_input_mask = torch.tensor(train_valid_input_masks[train_indices], dtype=torch.long)
    train_segment_ids = torch.tensor(train_valid_segment_ids[train_indices], dtype=torch.long)
    train_label = torch.tensor(train_valid_labels[train_indices], dtype=torch.long)
    train_meta = torch.tensor(train_valid_meta[train_indices], dtype=torch.long)

    # Validation Data in Tensor
    valid_input_ids = torch.tensor(train_valid_input_ids[valid_indices], dtype=torch.long)
    valid_input_mask = torch.tensor(train_valid_input_masks[valid_indices], dtype=torch.long)
    valid_segment_ids = torch.tensor(train_valid_segment_ids[valid_indices], dtype=torch.long)
    valid_label = torch.tensor(train_valid_labels[valid_indices], dtype=torch.long)
    valid_meta = torch.tensor(train_valid_meta[valid_indices], dtype=torch.long)

    # Load data into TensorDataset
    train = torch.utils.data.TensorDataset(train_input_ids, train_input_mask, train_segment_ids, train_meta, train_label)
    valid = torch.utils.data.TensorDataset(valid_input_ids, valid_input_mask, valid_segment_ids, valid_meta, valid_label)

    # Use DataLoader to load data from Dataset in batches
    train_loader = torch.utils.data.DataLoader(train, batch_size=batch_size, shuffle=True)
    valid_loader = torch.utils.data.DataLoader(valid, batch_size=batch_size, shuffle=False)
```

```python
bert_model = BertTextClassifier(bert_hidden_size, bert_dense_size, meta_size, 3, dropout=0.1)

# Move model to GPU/CPU device
device = 'cuda' if torch.cuda.is_available() else 'cpu'
bert_model = bert_model.to(device)

# Loss Function - use Cross Entropy as binary classification
loss_fn = torch.nn.CrossEntropyLoss()

# Optimizer - Adam with parameter groups
param_optimizer = list(model.named_parameters())
no_decay = ['bias', 'LayerNorm.bias', 'LayerNorm.weight']
optimizer_grouped_parameters = [
    {'params': [p for n, p in param_optimizer if not any(nd in n for nd in no_decay)], 'weight_decay': 0.01},
    {'params': [p for n, p in param_optimizer if any(nd in n for nd in no_decay)], 'weight_decay': 0.0}]

optimizer = AdamW(optimizer_grouped_parameters, lr=learning_rate, eps=1e-6)

# Set Train Mode
bert_model.train()

# Initialize
best_f1 = 0.
valid_best = np.zeros((valid_label.size(0), 2))
early_stop = 0
train_losses = []
valid_losses = []

for epoch in range(num_epochs):
    logger.info('================     epoch {}       ==============='.format(epoch+1))
    train_loss = 0.
    for i, batch in tqdm(enumerate(train_loader), total=len(train_loader), desc='Training'):
        # Move batch data to device
        batch = tuple(t.to(device) for t in batch)
        # Bert input features and labels from batch
        x_ids, x_mask, x_sids, x_meta, y_truth = batch

        # Feedforward prediction
        y_pred = bert_model(x_ids, x_meta)

        # Calculate Loss
```

```python
        loss = loss_fn(y_pred, y_truth)

        # Reset gradient
        optimizer.zero_grad()
        # Backward Propagation
        loss.backward()
        # Update Weights
        optimizer.step()
        # Training Loss
        train_loss += loss.item() / len(train_loader)

        logger.debug('train batch: %d, train_loss: %8f\n' % (i, train_loss))

    train_losses.append(train_loss)
    # Move to Evaluation Mode
    model.eval()

    # Initialize
    val_loss = 0.
    valid_preds_fold = np.zeros((valid_label.size(0), 3))

    with torch.no_grad():
        for i, batch in tqdm(enumerate(valid_loader), total=len(valid_loader), desc='Validation'):
            batch = tuple(t.to(device) for t in batch)
            x_ids, x_mask, x_sids, x_meta, y_truth = batch
            y_pred = bert_model(x_ids, x_meta).detach()
            loss = loss_fn(y_pred, y_truth)
            val_loss += loss.item() / len(valid_loader)
            valid_preds_fold[i * batch_size:(i + 1) * batch_size] = F.softmax(y_pred, dim=1).cpu().numpy()

            logger.debug('validation batch: {}, val_loss: {}, valid_preds_fold: {}'.format(i, val_loss, valid_preds_fol
        valid_losses.append(val_loss)

    # Calculate metrics
    acc, f1 = metric(train_valid_labels[valid_indices], np.argmax(valid_preds_fold, axis=1))

    # If improving, save the model. If not, count up for early stopping
    if best_f1 < f1:
        early_stop = 0
        best_f1 = f1
        valid_best = valid_preds_fold
        torch.save(bert_model.state_dict(), output_dir + 'model_fold_{}.dict'.format(fold))
```

```python
        else:
            early_stop += 1

        logger.info(
            'epoch: %d, train loss: %.8f, valid loss: %.8f, acc: %.8f, f1: %.8f, best_f1: %.8f\n' %
            (epoch, train_loss, val_loss, acc, f1, best_f1))

        if device == 'cuda:0':
            torch.cuda.empty_cache()

        # Early stop if it reaches patience number
        if early_stop >= patience:
            break

    model.train()

# Once all epochs are done, take the best model of the fold
valid_preds_fold = np.zeros((valid_label.size(0), 3))

# Draw training/validation losses
sns.set(font_scale=1.5)
plt.rcParams["figure.figsize"] = (15,6)
plt.plot(train_losses, 'b-o')
plt.plot(valid_losses, 'b-o')
plt.title("Training/Validation Loss")
plt.xlabel("Epoch")
plt.ylabel("Loss")
plt.show()
plt.savefig(graph_dir + 'training_validation_loss_bert_epoch_{}_fold_{}'.format(epoch,fold) + '.png', )#bbox_inches='tig

# Load the best model
bert_model.load_state_dict(torch.load(output_dir + 'model_fold_{}.dict'.format(fold)))
# Set Evaluation Mode
bert_model.eval()

# Prediction on the validation set
with torch.no_grad():
    for i, batch in tqdm(enumerate(valid_loader), total=len(valid_loader)):
        batch = tuple(t.to(device) for t in batch)
        x_ids, x_mask, x_sids, x_meta, y_truth = batch
        y_pred = bert_model(x_ids, x_meta).detach()
        valid_preds_fold[i * batch_size:(i + 1) * batch_size] = F.softmax(y_pred, dim=1).cpu().numpy()
```

```python
        # Check the metrics for the validation set
        valid_best = valid_preds_fold
        oof_train[valid_indices] = valid_best
        acc, f1 = metric(train_valid_labels[valid_indices], np.argmax(valid_best, axis=1))
        logger.info('epoch: best, acc: %.8f, f1: %.8f, best_f1: %.8f\n' % (acc, f1, best_f1))

        class_names = ['Lower', 'Hold', 'Raise']
        titles_options = [("Confusion matrix, without normalization", None), ("Normalized confusion matrix", 'true')]
        for title, normalize in titles_options:
            disp = skplt.metrics.plot_confusion_matrix(train_valid_labels[valid_indices], np.argmax(valid_best, axis=1), normali
        plt.show()
        plt.savefig(graph_dir + 'conf_mats_bert_final.png')#bbox_inches='tight')


if use_skf:
    skf = StratifiedKFold(n_splits=5, shuffle=True, random_state=42)

    for fold, (train_indices, valid_indices) in enumerate(skf.split(train_valid_labels, train_valid_labels)):
        train_bert(fold, train_indices, valid_indices)

else:
    train_ratio = 0.7
    train_indices = np.arange(0, int(len(train_valid_labels)*train_ratio))
    valid_indices = np.arange(int(len(train_valid_labels)*train_ratio), len(train_valid_labels))

    train_bert(0, train_indices, valid_indices)
    # print('train_indices', train_indices)
    # print('valid_indices', valid_indices)
```

```
[2021-01-25 02:59:48,269][INFO] ## ================       fold 0         ===============
[2021-01-25 02:59:54,057][INFO] ## ================       epoch 1        ===============
```
Training: 100%   2029/2029 [12:07<00:00, 2.79it/s]

Validation: 100%   508/508 [01:00<00:00, 8.33it/s]

```
[2021-01-25 03:12:03,041][INFO] ## epoch: 0, train loss: 9.57331415, valid loss: 9.50932344, acc: 0.32000000, f1: 0.31555317, best_f1: 0.31555
```

```
[2021-01-25 03:12:03,043][INFO] ## ================       epoch 2        ===============
```
Training: 100%   2029/2029 [11:07<00:00, 3.04it/s]

Validation: 100%   508/508 [13:07<00:00, 1.55s/it]

```
[2021-01-25 03:24:10,888][INFO] ## epoch: 1, train loss: 9.57248220, valid loss: 9.50899115, acc: 0.31975347, f1: 0.31562799, best_f1: 0.315627
```

```
[2021-01-25 03:24:10,890][INFO] ## ================       epoch 3        ===============
```
Training: 100%   2029/2029 [11:06<00:00, 3.04it/s]

Validation: 100%   508/508 [00:59<00:00, 8.56it/s]

```
[2021-01-25 03:36:16,593][INFO] ## epoch: 2, train loss: 9.57183946, valid loss: 9.50901748, acc: 0.31975347, f1: 0.31561451, best_f1: 0.315627
```
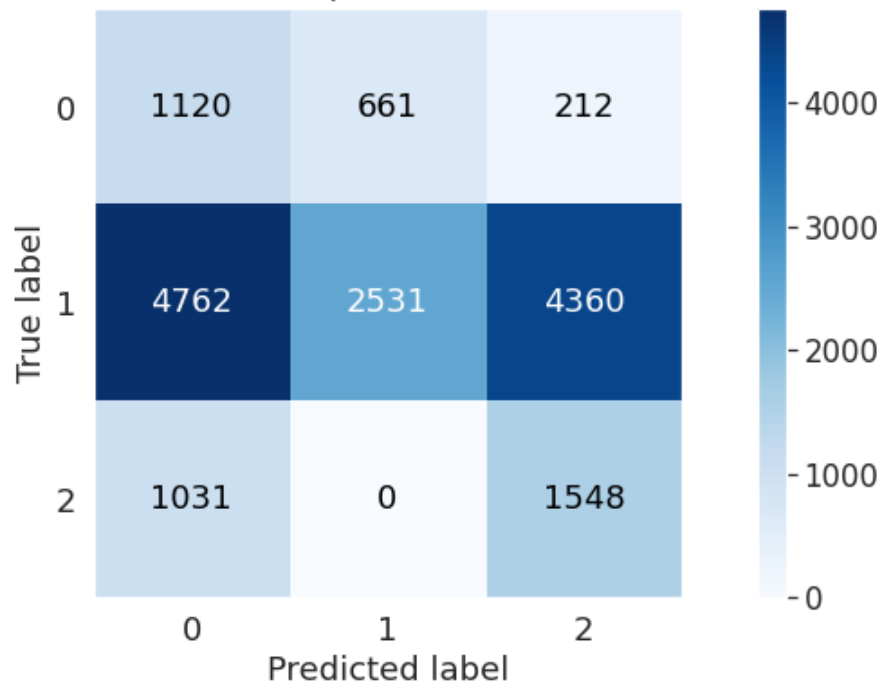

Training/Validation Loss

9.51

0.00   0.25   0.50   0.75   1.00   1.25   1.50   1.75   2.00

Epoch

100%   508/508 [00:56<00:00, 8.94it/s]
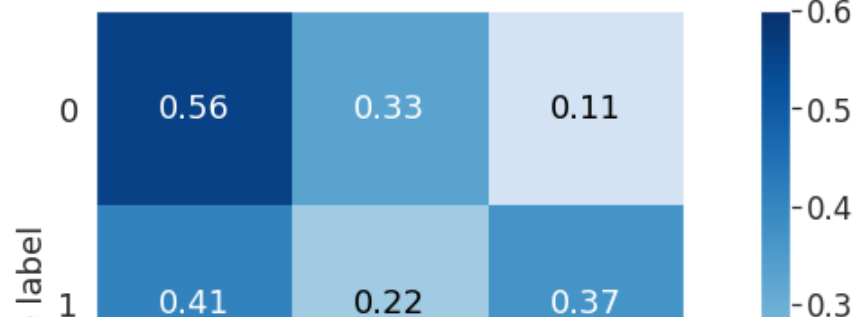
[2021-01-25 03:37:14,352][INFO] ## epoch: best, acc: 0.32043143, f1: 0.31613635, best_f1: 0.31562799
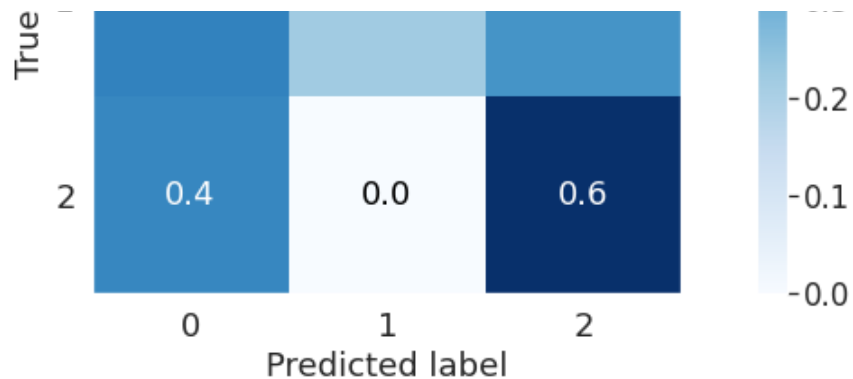
<Figure size 1080x432 with 0 Axes>

Confusion matrix, without normalization

	0	1	2
0	1120	661	212
1	4762	2531	4360
2	1031	0	1548

True label / Predicted label

Normalized confusion matrix

	0	1	2
0	0.56	0.33	0.11
1	0.41	0.22	0.37

[2021-01-25 03:37:14,885][INFO] ## ================   fold 1   ==============
[2021-01-25 03:37:18,168][INFO] ## ================   epoch 1   ==============

Training: 100%   2029/2029 [36:18<00:00, 1.07s/it]

Validation: 100%   508/508 [00:59<00:00, 8.58it/s]

[2021-01-25 03:49:25,603][INFO] ## epoch: 0, train loss: 5.29893605, valid loss: 5.33307845, acc: 0.19476117, f1: 0.19298811, best_f1: 0.192988

[2021-01-25 03:49:25,608][INFO] ## ================   epoch 2   ==============
Training: 100%   2029/2029 [11:05<00:00, 3.05it/s]

Validation: 100%   508/508 [13:05<00:00, 1.55s/it]
[2021-01-25 04:01:29,942][INFO] ## epoch: 1, train loss: 5.29934273, valid loss: 5.33467395, acc: 0.19476117, f1: 0.19298811, best_f1: 0.192988

[2021-01-25 04:01:29,943][INFO] ## ================   epoch 3   ==============

Training: 100%   2029/2029 [11:05<00:00, 3.05it/s]

Validation: 100%   508/508 [01:01<00:00, 8.30it/s]

[2021-01-25 04:13:36,298][INFO] ## epoch: 2, train loss: 5.29913800, valid loss: 5.33435874, acc: 0.19476117, f1: 0.19302936, best_f1: 0.193029
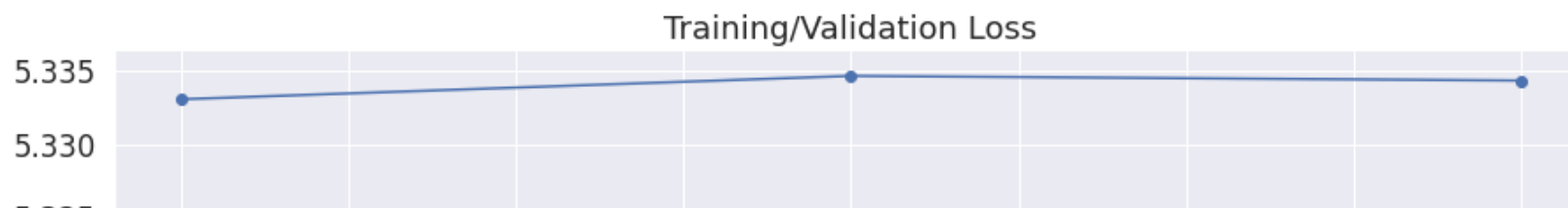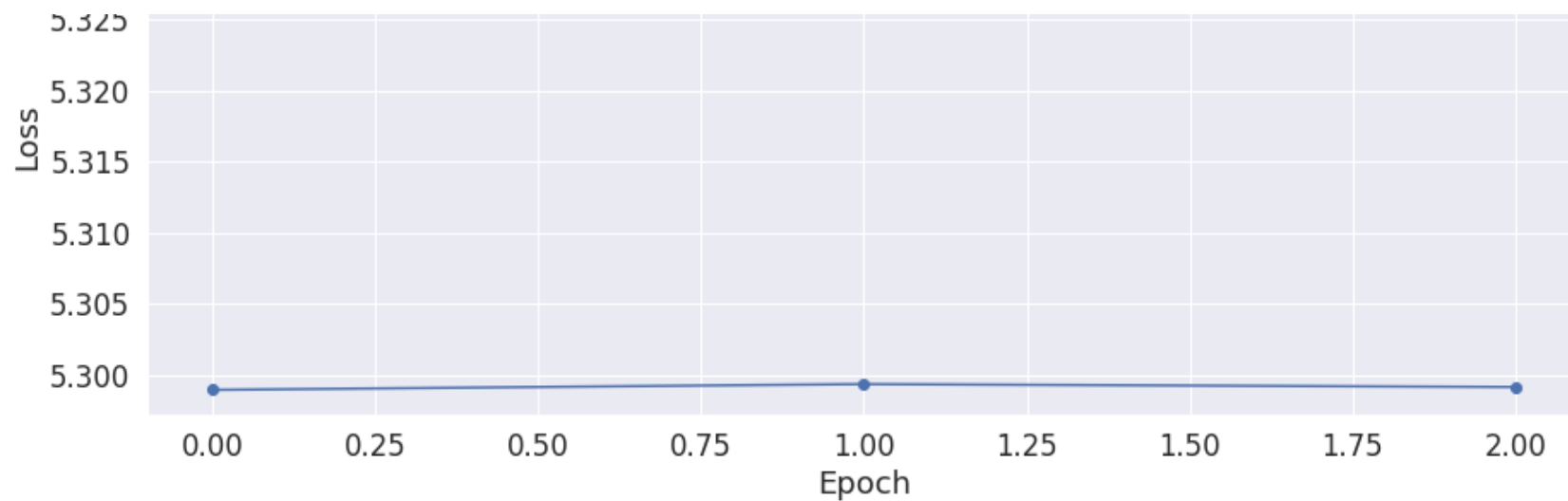
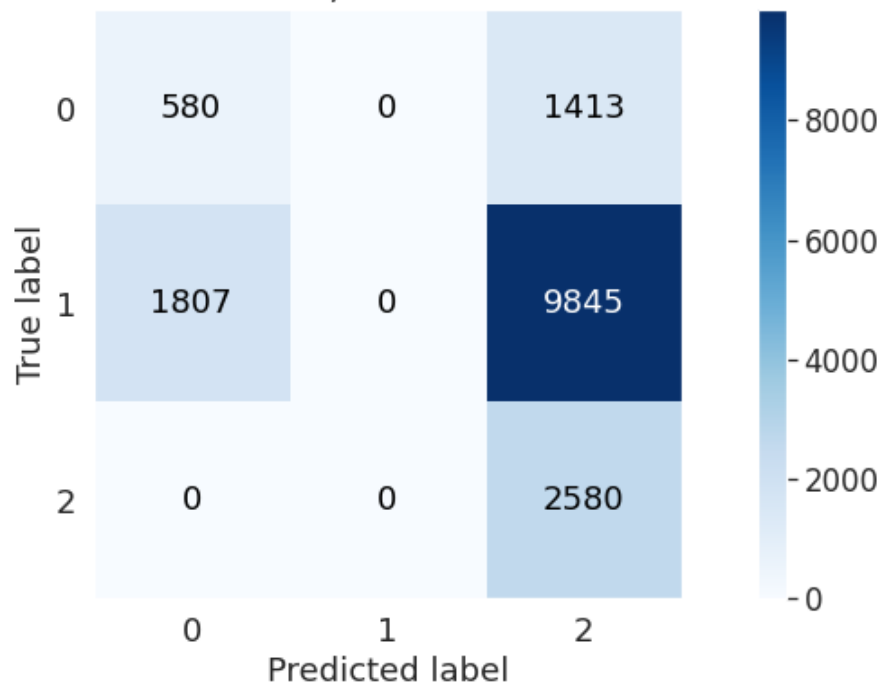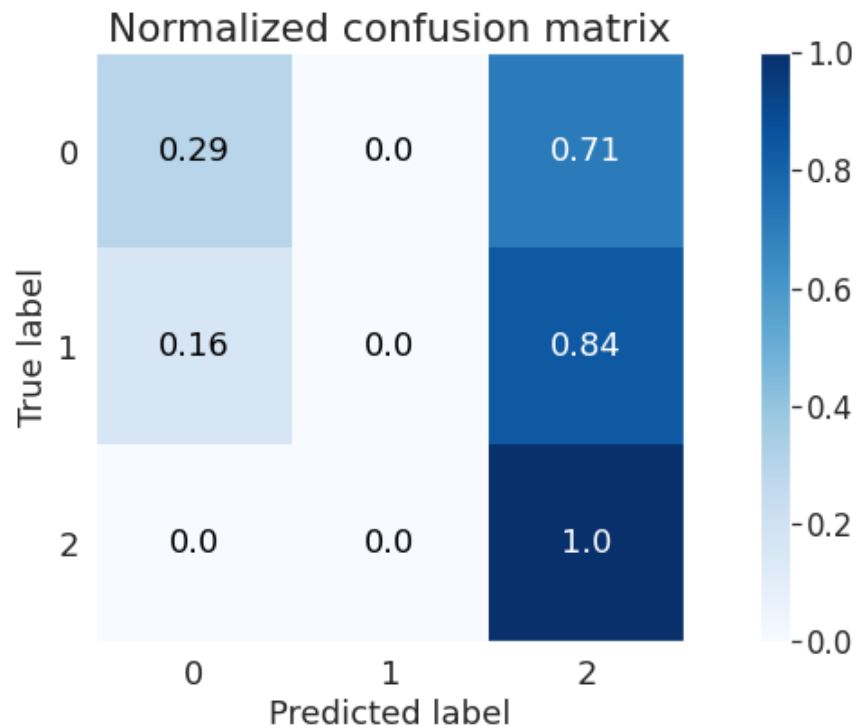100%   508/508 [00:56<00:00, 8.93it/s]

[2021-01-25 04:14:34,560][INFO] ## epoch: best, acc: 0.19476117, f1: 0.19304313, best_f1: 0.19302936

<Figure size 1080x432 with 0 Axes>

Confusion matrix, without normalization

Normalized confusion matrix

[2021-01-25 04:14:35,060][INFO] ## ===============   fold 2   ===============
[2021-01-25 04:14:38,293][INFO] ## ===============   epoch 1   ===============
Training: 100%   2029/2029 [36:26<00:00, 1.08s/it]

Validation: 100%   508/508 [00:59<00:00, 8.61it/s]

[2021-01-25 04:26:48,017][INFO] ## epoch: 0, train loss: 11.80735431, valid loss: 11.73806401, acc: 0.48677966, f1: 0.27046894, best_f1: 0.2704

[2021-01-25 04:26:48,018][INFO] ## ===============   epoch 2   ===============
Training: 100%   2029/2029 [11:07<00:00, 3.04it/s]

Validation: 100%   508/508 [13:09<00:00, 1.55s/it]

[2021-01-25 04:38:56,307][INFO] ## epoch: 1, train loss: 11.81505088, valid loss: 11.73785927, acc: 0.48733436, f1: 0.27061799, best_f1: 0.2706

[2021-01-25 04:38:56,309][INFO] ## ===============   epoch 3   ===============
Training: 100%   2029/2029 [11:07<00:00, 3.04it/s]

[2021-01-25 04:51:05,010][INFO] ## epoch: 2, train loss: 11.80682057, valid loss: 11.73795856, acc: 0.48684129, f1: 0.27077949, best_f1: 0.270⸮
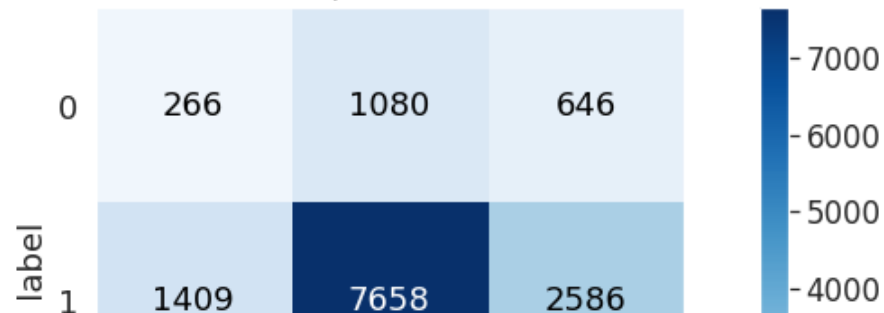
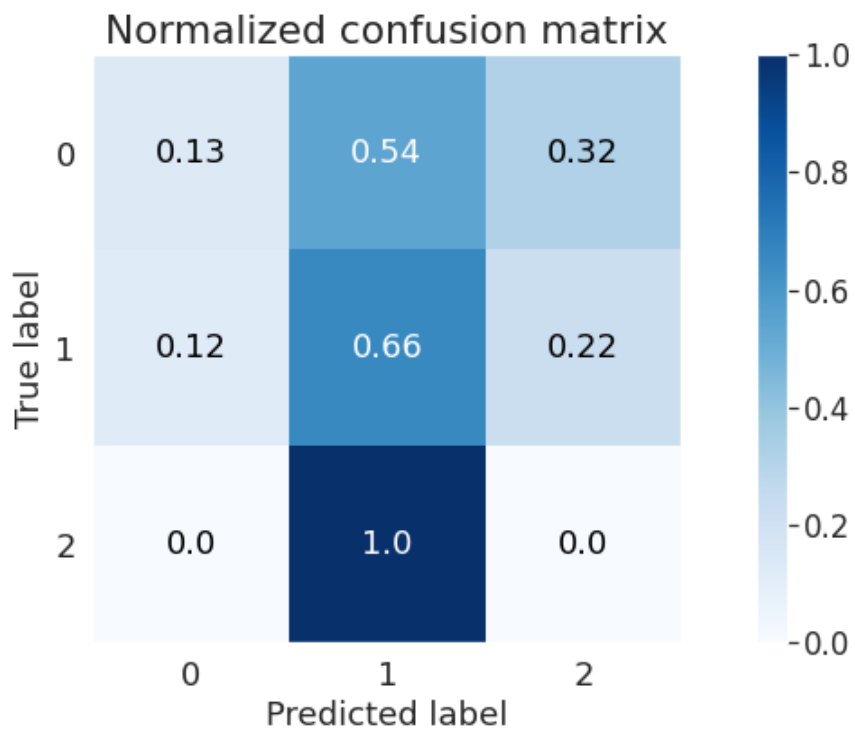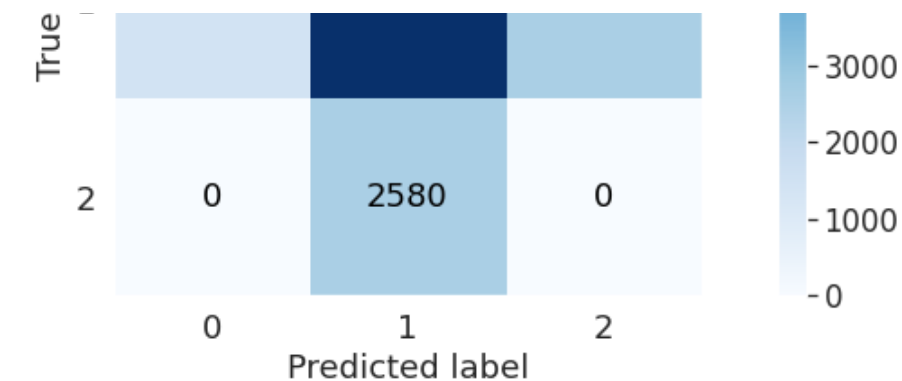## Training/Validation Loss

[2021-01-25 04:52:03,213][INFO] ## epoch: best, acc: 0.48838213, f1: 0.27061048, best_f1: 0.27077949

<Figure size 1080x432 with 0 Axes>

Confusion matrix, without normalization

Normalized confusion matrix

[2021-01-25 04:52:03,780][INFO] ## ================   fold 3   ===============
[2021-01-25 04:52:07,195][INFO] ## ================   epoch 1   ===============

Training: 100%   2029/2029 [36:30<00:00, 1.08s/it]

Validation: 100%   508/508 [00:59<00:00, 8.57it/s]

[2021-01-25 05:04:21,862][INFO] ## epoch: 0, train loss: 6.19228879, valid loss: 6.17460479, acc: 0.20443760, f1: 0.20053061, best_f1: 0.200536

[2021-01-25 05:04:21,865][INFO] ## ===============   epoch 2   ===============
Training: 100%   2029/2029 [11:07<00:00, 3.04it/s]

Validation: 100%   508/508 [13:08<00:00, 1.55s/it]

[2021-01-25 05:16:30,720][INFO] ## epoch: 1, train loss: 6.19363898, valid loss: 6.17588344, acc: 0.20493066, f1: 0.20105990, best_f1: 0.201059

[2021-01-25 05:16:30,722][INFO] ## ===============   epoch 3   ===============
Training: 100%   2029/2029 [11:07<00:00, 3.04it/s]

Validation: 100%   508/508 [00:59<00:00, 8.55it/s]
[2021-01-25 05:28:37,544][INFO] ## epoch: 2, train loss: 6.19552844, valid loss: 6.17407030, acc: 0.20443760, f1: 0.20045814, best_f1: 0.201059
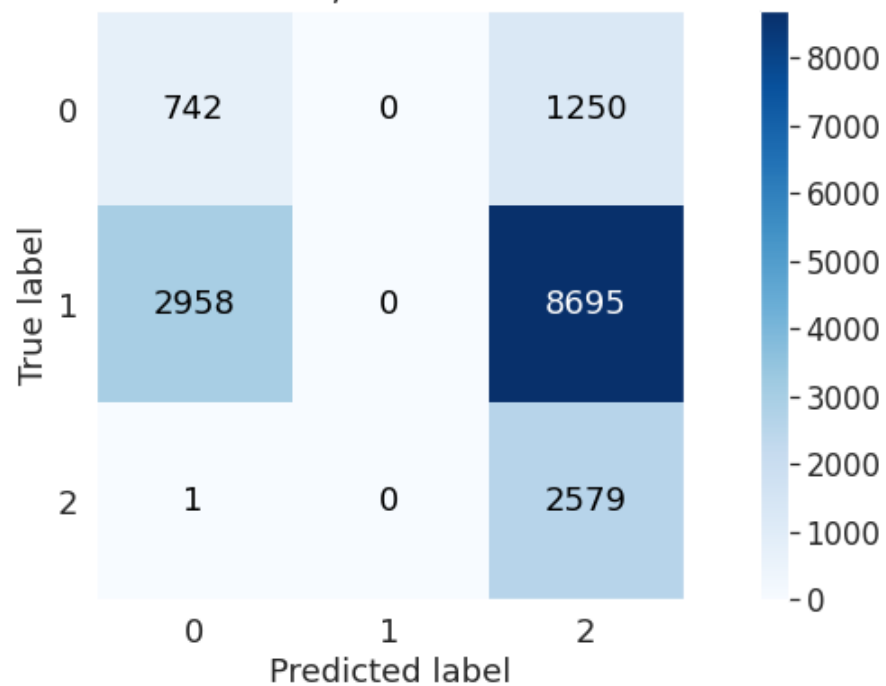

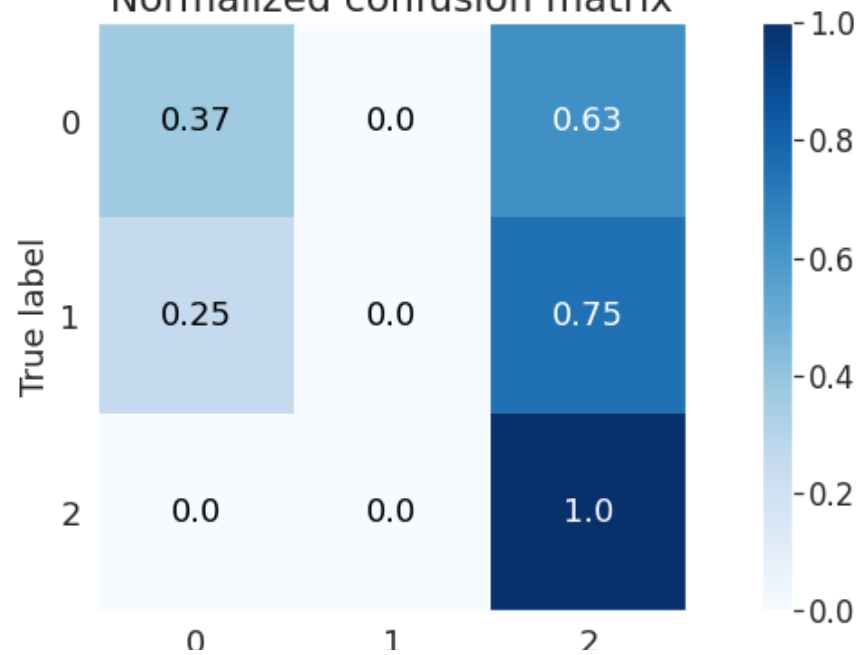100%   508/508 [00:57<00:00, 8.91it/s]

[2021-01-25 05:29:35,645][INFO] ## epoch: best, acc: 0.20468413, f1: 0.20072331, best_f1: 0.20105990

<Figure size 1080x432 with 0 Axes>

Confusion matrix, without normalization

Normalized confusion matrix

Predicted label

[2021-01-25 05:29:36,229][INFO] ## ================   fold 4   ==============
[2021-01-25 05:29:39,748][INFO] ## ================   epoch 1   ==============

Training: 100%   2029/2029 [36:27<00:00, 1.08s/it]

Validation: 100%   507/507 [00:59<00:00, 8.57it/s]

[2021-01-25 05:41:54,335][INFO] ## epoch: 0, train loss: 8.75989634, valid loss: 8.86862274, acc: 0.57014300, f1: 0.32359434, best_f1: 0.323594

[2021-01-25 05:41:54,338][INFO] ## ================   epoch 2   ==============
Training: 100%   2029/2029 [11:07<00:00, 3.04it/s]

Validation: 100%   507/507 [13:05<00:00, 1.55s/it]

[2021-01-25 05:54:00,651][INFO] ## epoch: 1, train loss: 8.74625972, valid loss: 8.86896365, acc: 0.57014300, f1: 0.32359434, best_f1: 0.323594
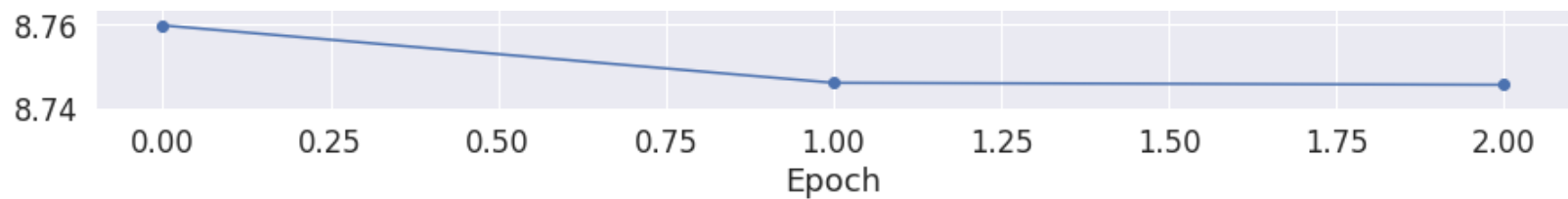
[2021-01-25 05:54:00,653][INFO] ## ================   epoch 3   ==============

Training: 100%   2029/2029 [11:07<00:00, 3.04it/s]

Validation: 100%   507/507 [00:59<00:00, 8.55it/s]

[2021-01-25 06:06:06,850][INFO] ## epoch: 2, train loss: 8.74578910, valid loss: 8.86979938, acc: 0.57014300, f1: 0.32359434, best_f1: 0.323594

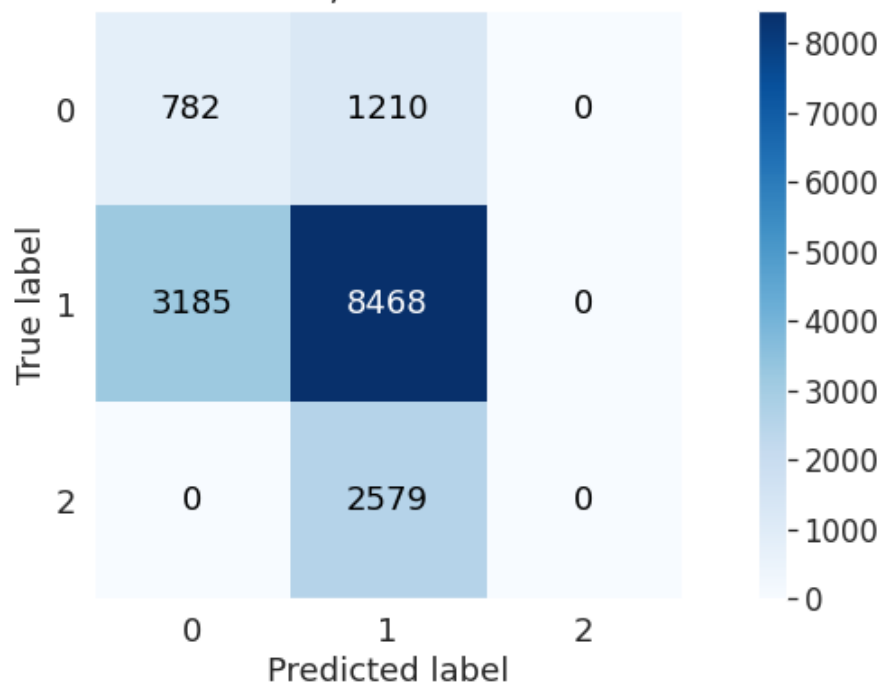## Training/Validation Loss

100%   507/507 [00:56<00:00, 8.90it/s]

[2021-01-25 06:07:04,844][INFO] ## epoch: best, acc: 0.57014300, f1: 0.32359434, best_f1: 0.32359434

<Figure size 1080x432 with 0 Axes>
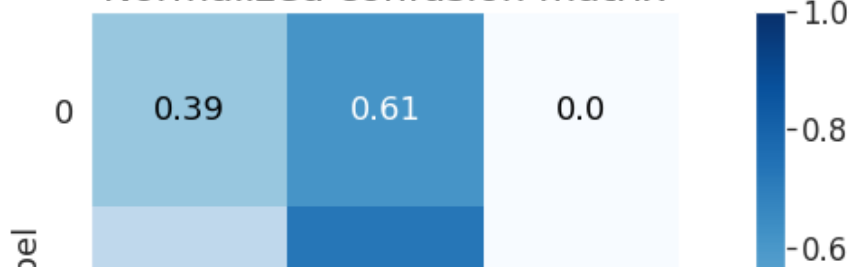
```
# This is only when all folds have been performed
logger.info(f1_score(train_labels, np.argmax(oof_train, axis=1), average='macro'))
split_train_df['pred_target'] = np.argmax(oof_train, axis=1)
split_train_df['pred_target_lower'] = oof_train[:,0]
split_train_df['pred_target_hold'] = oof_train[:,1]
split_train_df['pred_target_raise'] = oof_train[:,2]
split_train_df.head()
```

```
[2021-01-25 06:07:05,435][INFO] ## 0.31959385785244504
```

Save Data

```python
if IN_COLAB:
  def save_data(df, file_name, dir_name=train_dir, index_csv=True):
    if not os.path.exists(dir_name):
      os.mkdir(dir_name)
    # Save results to a picke file
    file = open(dir_name + file_name + '.pickle', 'wb')
    pickle.dump(df, file)
    file.close()
    print('Successfully saved {}.pickle. in {}'.format(file_name, dir_name + file_name + '.pickle'))
    # Save results to a csv file
    df.to_csv(dir_name + file_name + '.csv', index=True)
    print('Successfully saved {}.csv. in {}'.format(file_name, dir_name + file_name + '.csv'))

else:
  def save_data(df, file_name, dir_name=train_dir):
    # Save results to a .picke file
    file = open(dir_name + file_name + '.pickle', 'wb')
    pickle.dump(df, file)
    file.close()
    print('Successfully saved {}.pickle. in {}'.format(file_name, dir_name + file_name + '.pickle'))
    # Save results to a .csv file
    df.to_csv(dir_name + file_name + '.csv', index=True)
    print('Successfully saved {}.csv. in {}'.format(file_name, dir_name + file_name + '.csv'))
```

```python
# Save text data (very large files)
save_data(train_df, 'train_df')
save_data(text_df, 'text_df')
save_data(split_train_df, 'split_train_df')
```

```
Successfully saved train_df.pickle. in /content/drive/My Drive/Colab Notebooks/proj2/src/data/train_data/train_df.pickle
Successfully saved train_df.csv. in /content/drive/My Drive/Colab Notebooks/proj2/src/data/train_data/train_df.csv
Successfully saved text_df.pickle. in /content/drive/My Drive/Colab Notebooks/proj2/src/data/train_data/text_df.pickle
Successfully saved text_df.csv. in /content/drive/My Drive/Colab Notebooks/proj2/src/data/train_data/text_df.csv
```

Successfully saved split_train_df.pickle. in /content/drive/My Drive/Colab Notebooks/proj2/src/data/train_data/split_train_df.pickle
Successfully saved split_train_df.csv. in /content/drive/My Drive/Colab Notebooks/proj2/src/data/train_data/split_train_df.csv