TEXT SUMMARISATION PROJECT

Can be of two types

1. Extractive Summarisation: Selects passages from the source text and then arranges to form a summary. (Just like a highlighter)
2. Abstractive Summarisation: (Understand the intent and writes the summary on its own words)

We have used Encoder Decoder Networks And Attention mechanism

Encoder

1. The Encoder basically consists of LSTM
2. Encoder takes the input sequence and encapsulates the information as the internal state vectors
3. outputs of the encoder are used as the Decoder.
4. Here, input is a collection of words.

Intermediate Vectors

1. Final hidden state produced by the enocder.
2. Aims to encpasulate the information for all the inputs.
3. Acts as the hidden state of the decoder model.

Decoder

1. Stack of recurrent units where each predicts an ouput y_t at time step t.
2. Each recurrent unit accepts a hidden state from the previous unit and produces an output as well as its own hidden state.
3. In summarisation problem, the output sequence is a collection of all words from the summarized text.

Global Attention

1. All the hidden states of the encoder are considered for deriving the attended context vector.

```
!pip uninstall
!pip install keras==2.2.4
```

Importing libraries

```
#!pip install tensorflow-gpu==1.15
#import keras==2.2.4
import numpy as np
import pandas as pd
import re
import os
from bs4 import BeautifulSoup
from keras.preprocessing.text import Tokenizer
from keras.preprocessing.sequence import pad_sequences
from nltk.corpus import stopwords
from tensorflow.keras.layers import Input, LSTM, Embedding, Dense, Concatenate,
from tensorflow.keras.models import Model
from tensorflow.keras.callbacks import EarlyStopping
import warnings
pd.set_option("display.max_colwidth", 200)
warnings.filterwarnings("ignore")
!pip install wget
import wget
import nltk

```

```
Using TensorFlow backend.
Collecting wget
  Downloading https://files.pythonhosted.org/packages/47/6a/62e288da7bcda82b9
Building wheels for collected packages: wget
  Building wheel for wget (setup.py) ... done
  Created wheel for wget: filename=wget-3.2-cp36-none-any.whl size=9682 sha25
  Stored in directory: /root/.cache/pip/wheels/40/15/30/7d8f7cea2902b4db79e3f
Successfully built wget
Installing collected packages: wget
Successfully installed wget-3.2
```

Downloading the amazon finefoods dataset

```
!wget https://github.com/praneeth1795/amazon-finefood-reviews/raw/master/Reviews
```

```
--2020-09-17 00:51:05--  https://github.com/praneeth1795/amazon-finefood-revi
Resolving github.com (github.com)... 140.82.121.3
Connecting to github.com (github.com)|140.82.121.3|:443... connected.
HTTP request sent, awaiting response... 302 Found
```

Visualising the dataset

```
HTTP request sent, awaiting response... 200 OK
```

```
data=pd.read_csv("Reviews.csv",nrows=100000)
data[['Text','Summary']].sample(5)
```

	Text	Summary
12762	Walkers treacle toffees are the best treacle with most desirable chewing consistency and taste. This package was well priced and delivery was prompt. I wish there was a larger per pack amount avai...	Treacle lovers dream!
8359	I really enjoy this one and I've tried many! In my top 5. A little pricey but will order again sometime in the future.	Good coffee for strong coffee lovers!
2354	Its hard to find this stuff locally. Usually my parents have to bring it to me when they visit. Was pleased to find it on Amazon. Makes GREAT, TASTY dhall. We eat a lot of it, so its ni...	YUMMY Indian DHALL
	My first purchase of this was my first foray into home roasting and it was some	

Clear the data

1. Converting everything to lower case
2. Removing HTML tags
3. Contraction Mappings
4. Remove('s)
5. Remove any text inside the paranthesis
6. Elimination of punctuations and special charactes
7. Remove stopwords
8. Remove short words.

```
data.drop_duplicates(subset=['Text'],inplace=True)  #dropping duplicates
data.dropna(axis=0,inplace=True)
```

```
contraction_mapping = {"ain't": "is not", "aren't": "are not","can't": "cannot"

                           "didn't": "did not", "doesn't": "does not", "don't":

                           "he'd": "he would","he'll": "he will", "he's": "he i

                           "I'd": "I would", "I'd've": "I would have", "I'll":
```

```
                      "i'd've": "i would have", "i'll": "i will",  "i'll've
                      "it'd've": "it would have", "it'll": "it will", "it'
                      "mayn't": "may not", "might've": "might have","mightn
                      "mustn't": "must not", "mustn't've": "must not have"
                      "oughtn't": "ought not", "oughtn't've": "ought not ha
                      "she'd": "she would", "she'd've": "she would have",
                      "should've": "should have", "shouldn't": "should not
                      "this's": "this is","that'd": "that would", "that'd've
                      "there'd've": "there would have", "there's": "there is
                      "they'll": "they will", "they'll've": "they will have
                      "wasn't": "was not", "we'd": "we would", "we'd've":
                      "we've": "we have", "weren't": "were not", "what'll"
                      "what's": "what is", "what've": "what have", "when's
                      "where've": "where have", "who'll": "who will", "who
                      "why's": "why is", "why've": "why have", "will've":
                      "would've": "would have", "wouldn't": "would not", "w
                      "y'all'd": "you all would","y'all'd've": "you all woul
                      "you'd": "you would", "you'd've": "you would have",
                      "you're": "you are", "you've": "you have"}
```

```
data['Text'][:10]
```

```
0    I have bought several of the Vitality canned dog food products and have
1              Product arrived labeled as Jumbo Salted Peanuts...the peanuts w
2    This is a confection that has been around a few centuries.  It is a ligh
3    If you are looking for the secret ingredient in Robitussin I believe I h
4                                                        Great taffy a
5    I got a wild hair for taffy and ordered this five pound bag. The taffy w
6    This saltwater taffy had great flavors and was very soft and chewy.  Eac
7                                                        This taffy is
8                                                                Righ
9                                                           This is a
Name: Text, dtype: object
```

```
nltk.download('stopwords')
stop_words = set(stopwords.words('english'))
```

```
def text_cleaner(text):
    newString = text.lower()
    newString = BeautifulSoup(newString, "lxml").text
    newString = re.sub(r'\([^)]*\)', '', newString)
    newString = re.sub('"','', newString)
    newString = ' '.join([contraction_mapping[t] if t in contraction_mapping els
    newString = re.sub(r"'s\b","",newString)
    newString = re.sub("[^a-zA-Z]", " ", newString)
    tokens = [w for w in newString.split() if not w in stop_words]
    long_words=[]
    for i in tokens:
        if len(i)>=3:                  #removing short word
            long_words.append(i)
    return (" ".join(long_words)).strip()

cleaned_text = []
for t in data['Text']:
    cleaned_text.append(text_cleaner(t))
```

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

```
data['Summary'][:10]
```

```
0                            Good Quality Dog Food
1                                Not as Advertised
2                            "Delight" says it all
3                                   Cough Medicine
4                                      Great taffy
5                                       Nice Taffy
6    Great!  Just as good as the expensive brands!
7                           Wonderful, tasty taffy
8                                       Yay Barley
9                                Healthy Dog Food
Name: Summary, dtype: object
```

```

def summary_cleaner(text):
    newString = re.sub('"','', text)
    newString = ' '.join([contraction_mapping[t] if t in contraction_mapping els
    newString = re.sub(r"'s\b","",newString)
    newString = re.sub("[^a-zA-Z]", " ", newString)
    newString = newString.lower()
    tokens=newString.split()
    newString=''
    for i in tokens:
        if len(i)>1:
            newString=newString+i+' '
    return newString

#Call the above function
cleaned_summary = []
for t in data['Summary']:
    cleaned_summary.append(summary_cleaner(t))

```

```
data['cleaned_text']=cleaned_text
data['cleaned_summary']=cleaned_summary
data['cleaned_summary'].replace('', np.nan, inplace=True)
data.dropna(axis=0,inplace=True)
```

```
data['cleaned_summary'] = data['cleaned_summary'].apply(lambda x : '_START_ '+ x
```

```
for i in range(5):
    print("Review:",data['cleaned_text'][i])
    print("Summary:",data['cleaned_summary'][i])
    print("\n")
```

```
Review: bought several vitality canned dog food products found good quality p
Summary: _START_ good quality dog food  _END_


Review: product arrived labeled jumbo salted peanuts peanuts actually small s
Summary: _START_ not as advertised  _END_


Review: confection around centuries light pillowy citrus gelatin nuts case fi
Summary: _START_ delight says it all  _END_


Review: looking secret ingredient robitussin believe found got addition root
Summary: _START_ cough medicine  _END_


Review: great taffy great price wide assortment yummy taffy delivery quick ta
Summary: _START_ great taffy  _END_
```

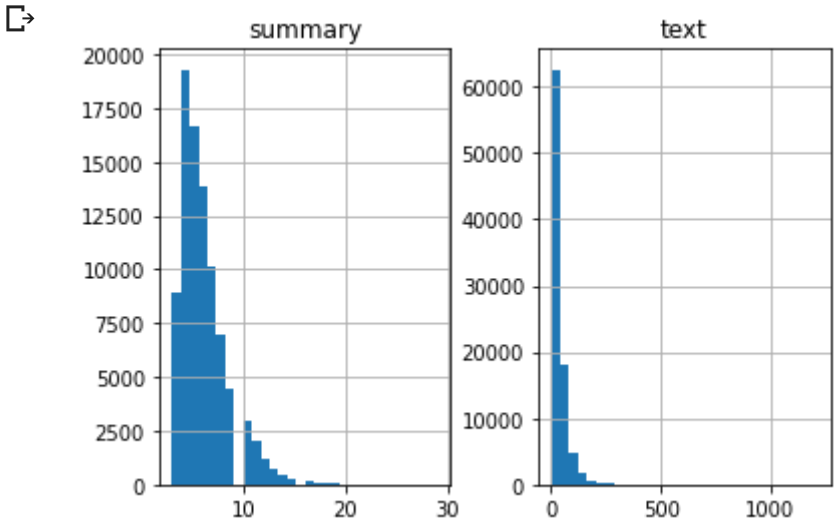
Data distribution Visualisation

```
import matplotlib.pyplot as plt
text_word_count = []
summary_word_count = []

# populate the lists with sentence lengths
for i in data['cleaned_text']:
      text_word_count.append(len(i.split()))

for i in data['cleaned_summary']:
      summary_word_count.append(len(i.split()))

length_df = pd.DataFrame({'text':text_word_count, 'summary':summary_word_count})
length_df.hist(bins = 30)
plt.show()
```




```
max_len_text=80
max_len_summary=10
from sklearn.model_selection import train_test_split
x_tr,x_val,y_tr,y_val=train_test_split(data['cleaned_text'],data['cleaned_summa
```

TOKENISATION OF THE DATA

```
#prepare a tokenizer for reviews on training data
x_tokenizer = Tokenizer()
x_tokenizer.fit_on_texts(list(x_tr))

#convert text sequences into integer sequences
x_tr    =   x_tokenizer.texts_to_sequences(x_tr)
x_val   =   x_tokenizer.texts_to_sequences(x_val)

#padding zero upto maximum length
x_tr    =   pad_sequences(x_tr,  maxlen=max_len_text, padding='post')
x_val   =   pad_sequences(x_val, maxlen=max_len_text, padding='post')

x_voc_size   =  len(x_tokenizer.word_index) +1
```

```
#preparing a tokenizer for summary on training data
y_tokenizer = Tokenizer()
y_tokenizer.fit_on_texts(list(y_tr))

#convert summary sequences into integer sequences
y_tr    =   y_tokenizer.texts_to_sequences(y_tr)
y_val   =   y_tokenizer.texts_to_sequences(y_val)

#padding zero upto maximum length
y_tr    =   pad_sequences(y_tr, maxlen=max_len_summary, padding='post')
y_val   =   pad_sequences(y_val, maxlen=max_len_summary, padding='post')

y_voc_size  =   len(y_tokenizer.word_index) +1
```

MODEL BUILDING

1. Return Sequences = True (LSTM produces the hidden state and cell state for every timestep)
2. Return steps = True (LSTM produces the hidden state and cell state of the last timestep only)
3. Initial state : Initialise the internal state of LSTM
4. Stacked LSTM: Multiple layes of LSTM stacked on top of each other. This leads to better representation of sequence.

```
import tensorflow as tf
import os
from tensorflow.python.keras.layers import Layer
from tensorflow.python.keras import backend as K


class AttentionLayer(Layer):

    def __init__(self, **kwargs):
        super(AttentionLayer, self).__init__(**kwargs)

    def build(self, input_shape):
        assert isinstance(input_shape, list)
        # Create a trainable weight variable for this layer.

        self.W_a = self.add_weight(name='W_a',
                                   shape=tf.TensorShape((input_shape[0][2], inpu
                                   initializer='uniform',
                                   trainable=True)
        self.U_a = self.add_weight(name='U_a',
                                   shape=tf.TensorShape((input_shape[1][2], inpu
                                   initializer='uniform',
                                   trainable=True)
        self.V_a = self.add_weight(name='V_a',
                                   shape=tf.TensorShape((input_shape[0][2], 1))
                                   initializer='uniform',
                                   trainable=True)

        super(AttentionLayer, self).build(input_shape)  # Be sure to call this a

    def call(self, inputs, verbose=False):
        """
        inputs: [encoder_output_sequence, decoder_output_sequence]
        """
        assert type(inputs) == list
        encoder_out_seq, decoder_out_seq = inputs
        if verbose:
            print('encoder_out_seq>', encoder_out_seq.shape)
            print('decoder_out_seq>', decoder_out_seq.shape)

```

```
        def energy_step(inputs, states):
            """ Step function for computing energy for a single decoder state "

            assert_msg = "States must be a list. However states {} is of type {}
            assert isinstance(states, list) or isinstance(states, tuple), asser

            """ Some parameters required for shaping tensors"""
            en_seq_len, en_hidden = encoder_out_seq.shape[1], encoder_out_seq.sh
            de_hidden = inputs.shape[-1]

            """ Computing S.Wa where S=[s0, s1, ..., si]"""
            # <= batch_size*en_seq_len, latent_dim
            reshaped_enc_outputs = K.reshape(encoder_out_seq, (-1, en_hidden))
            # <= batch_size*en_seq_len, latent_dim
            W_a_dot_s = K.reshape(K.dot(reshaped_enc_outputs, self.W_a), (-1, en
            if verbose:
                print('wa.s>',W_a_dot_s.shape)

            """ Computing hj.Ua """
            U_a_dot_h = K.expand_dims(K.dot(inputs, self.U_a), 1)  # <= batch_si
            if verbose:
                print('Ua.h>',U_a_dot_h.shape)

            """ tanh(S.Wa + hj.Ua) """
            # <= batch_size*en_seq_len, latent_dim
            reshaped_Ws_plus_Uh = K.tanh(K.reshape(W_a_dot_s + U_a_dot_h, (-1, e
            if verbose:
                print('Ws+Uh>', reshaped_Ws_plus_Uh.shape)

            """ softmax(va.tanh(S.Wa + hj.Ua)) """
            # <= batch_size, en_seq_len
            e_i = K.reshape(K.dot(reshaped_Ws_plus_Uh, self.V_a), (-1, en_seq_le
            # <= batch_size, en_seq_len
            e_i = K.softmax(e_i)

            if verbose:
                print('ei>', e_i.shape)

            return e_i, [e_i]

        def context_step(inputs, states):
            """ Step function for computing ci using ei """
            # <= batch_size, hidden_size
            c_i = K.sum(encoder_out_seq * K.expand_dims(inputs, -1), axis=1)
            if verbose:
                print('ci>', c_i.shape)
            return c_i, [c_i]

        def create_inital_state(inputs, hidden_size):
            # We are not using initial states, but need to pass something to K.
            fake_state = K.zeros_like(inputs)  # <= (batch_size, enc_seq_len, la
            fake_state = K.sum(fake_state, axis=[1, 2])  # <= (batch_size)
            fake_state = K.expand_dims(fake_state)  # <= (batch_size, 1)
            fake_state = K.tile(fake_state, [1, hidden_size])  # <= (batch_size
            return fake_state
```

```
96
97          fake_state_c = create_inital_state(encoder_out_seq, encoder_out_seq.sha
98          fake_state_e = create_inital_state(encoder_out_seq, encoder_out_seq.sha
99
100         """ Computing energy outputs """
101         # e_outputs => (batch_size, de_seq_len, en_seq_len)
102         last_out, e_outputs, _ = K.rnn(
103             energy_step, decoder_out_seq, [fake_state_e],
104         )
105
106         """ Computing context vectors """
107         last_out, c_outputs, _ = K.rnn(
108             context_step, e_outputs, [fake_state_c],
109         )
110
111         return c_outputs, e_outputs
112
113     def compute_output_shape(self, input_shape):
114         """ Outputs produced by the layer """
115         return [
116             tf.TensorShape((input_shape[1][0], input_shape[1][1], input_shape[1
117             tf.TensorShape((input_shape[1][0], input_shape[1][1], input_shape[0
118         ]
```

ENCODER-DECODER ATTENTION ARCHITECTURE

1. Encoder
2. LSTM1
3. LSTM2
4. LSTM3
5. Decoder
6. Attention Layer
7. Concatination of Decoder output and Attention output
8. Dense Layer

```
1 from keras import backend as K
2 K.clear_session()
3 latent_dim = 500
4
5 # Encoder
6 encoder_inputs = Input(shape=(max_len_text,))
7 enc_emb = Embedding(x_voc_size, latent_dim,trainable=True)(encoder_inputs)
8
9 #LSTM 1
10 encoder_lstm1 = LSTM(latent_dim,return_sequences=True,return_state=True)
11 encoder_output1, state_h1, state_c1 = encoder_lstm1(enc_emb)
12
13 #LSTM 2
14 encoder_lstm2 = LSTM(latent_dim,return_sequences=True,return_state=True)
15 encoder_output2, state_h2, state_c2 = encoder_lstm2(encoder_output1)
```

```
encoder_output2, state_h2, state_c2 = encoder_lstm2(encoder_output1)

#LSTM 3
encoder_lstm3=LSTM(latent_dim, return_state=True, return_sequences=True)
encoder_outputs, state_h, state_c= encoder_lstm3(encoder_output2)

# Set up the decoder.
decoder_inputs = Input(shape=(None,))
dec_emb_layer = Embedding(y_voc_size, latent_dim,trainable=True)
dec_emb = dec_emb_layer(decoder_inputs)

#LSTM using encoder_states as initial state
decoder_lstm = LSTM(latent_dim, return_sequences=True, return_state=True)
decoder_outputs,decoder_fwd_state, decoder_back_state = decoder_lstm(dec_emb,in

#Attention Layer
attn_layer = AttentionLayer(name='attention_layer')
attn_out, attn_states = attn_layer([encoder_outputs, decoder_outputs])

# Concat attention output and decoder LSTM output
decoder_concat_input = Concatenate(axis=-1, name='concat_layer')([decoder_outpu

#Dense layer
decoder_dense = TimeDistributed(Dense(y_voc_size, activation='softmax'))
decoder_outputs = decoder_dense(decoder_concat_input)

# Define the model
model = Model([encoder_inputs, decoder_inputs], decoder_outputs)
model.summary()
```

```
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/keras/backend/

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/keras/backend/

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/keras/backend/

WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorflow_cor
Instructions for updating:
Call initializer instance with the dtype argument instead of passing it to th
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorflow_cor
Instructions for updating:
If using Keras pass *_constraint arguments to layers.
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorflow_cor

Model: "model"
_________________________________________________________________________________
Layer (type)                 Output Shape              Param #     Connected to
=================================================================================
input_1 (InputLayer)         [(None, 80)]              0
_________________________________________________________________________________
embedding (Embedding)        (None, 80, 500)           25785500    input_1[0][0
```

```
model.compile(optimizer='rmsprop', loss='sparse_categorical_crossentropy')
```

```
_________________________________________________________________________________
```

```
es = EarlyStopping(monitor='val_loss', mode='min', verbose=1)
```

```
lstm_1 (LSTM)                [(None, 80, 500), (N 2002000     lstm[0][0]
```

```
x_tr
y_tr[:,:-1]
y_tr.reshape(y_tr.shape[0],y_tr.shape[1], 1)[:,1:]
```

```
array([[[  13],
        [  14],
        [   2],
        ...,
        [   0],
        [   0],
        [   0]],

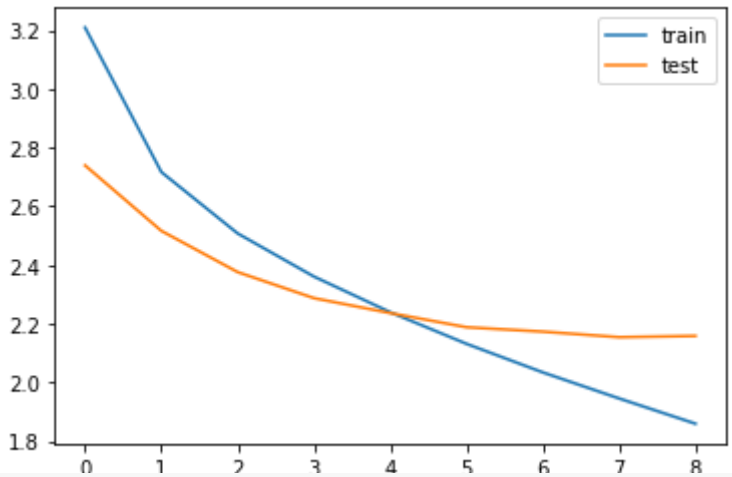
       [[  34],
        [ 168],
        [  46],
        ...,
        [   0],
        [   0],
        [   0]],

       [[4593],
        [   2],
        [   0],
        ...,
        [   0],
        [   0],
        [   0]]
```

```
)[:,1:] ,epochs=50,callbacks=[es],batch_size=512, validation_data=([x_val,y_val[
```

```
WARNING:tensorflow:From /usr/local/lib/python3.6/dist-packages/tensorflow_cor
Instructions for updating:
Use tf.where in 2.0, which has the same broadcast rule as np.where
Train on 79516 samples, validate on 8836 samples
Epoch 1/50
79516/79516 [==============================] - 221s 3ms/sample - loss: 3.2089
Epoch 2/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 2.7165
Epoch 3/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 2.5075
Epoch 4/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 2.3605
Epoch 5/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 2.2390
Epoch 6/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 2.1313
Epoch 7/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 2.0340
Epoch 8/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 1.9452
Epoch 9/50
79516/79516 [==============================] - 219s 3ms/sample - loss: 1.8593
Epoch 00009: early stopping
```

```
from matplotlib import pyplot
pyplot.plot(history.history['loss'], label='train')
pyplot.plot(history.history['val_loss'], label='test')
pyplot.legend()
pyplot.show()
```




```
reverse_target_word_index=y_tokenizer.index_word
reverse_source_word_index=x_tokenizer.index_word
target_word_index=y_tokenizer.word_index
```

```
# encoder inference
encoder_model = Model(inputs=encoder_inputs,outputs=[encoder_outputs, state_h, s

# decoder inference
# Below tensors will hold the states of the previous time step
decoder_state_input_h = Input(shape=(latent_dim,))
decoder_state_input_c = Input(shape=(latent_dim,))
decoder_hidden_state_input = Input(shape=(max_len_text,latent_dim))

# Get the embeddings of the decoder sequence
dec_emb2= dec_emb_layer(decoder_inputs)

# To predict the next word in the sequence, set the initial states to the states
decoder_outputs2, state_h2, state_c2 = decoder_lstm(dec_emb2, initial_state=[dec

#attention inference
attn_out_inf, attn_states_inf = attn_layer([decoder_hidden_state_input, decoder_
decoder_inf_concat = Concatenate(axis=-1, name='concat')([decoder_outputs2, attn

# A dense softmax layer to generate prob dist. over the target vocabulary
decoder_outputs2 = decoder_dense(decoder_inf_concat)

# Final decoder model
decoder_model = Model(
[decoder_inputs] + [decoder_hidden_state_input,decoder_state_input_h, decoder_st
[decoder_outputs2] + [state_h2, state_c2])
```

```
def decode_sequence(input_seq):
    # Encode the input as state vectors.
    e_out, e_h, e_c = encoder_model.predict(input_seq)
    print('input_seq: {}, e_out: {} '.format(input_seq,e_out))
    # Generate empty target sequence of length 1.
    target_seq = np.zeros((1,1))

    # Chose the 'start' word as the first word of the target sequence
    target_seq[0, 0] = target_word_index['start']
```

```
10
11    stop_condition = False
12    decoded_sentence = ''
13    while not stop_condition:
14        output_tokens, h, c = decoder_model.predict([target_seq] + [e_out, e_h,
15
16        # Sample a token
17        sampled_token_index = np.argmax(output_tokens[0, -1, :])
18        sampled_token = reverse_target_word_index[sampled_token_index]
19        print("sampled_token:",sampled_token)
20        if(sampled_token!='end'):
21            decoded_sentence += ' '+sampled_token
22
23            # Exit condition: either hit max length or find stop word.
24        if (sampled_token == 'end' or len(decoded_sentence.split()) >= (max_len_
25                stop_condition = True
26
27        # Update the target sequence (of length 1).
28        target_seq = np.zeros((1,1))
29        target_seq[0, 0] = sampled_token_index
30        # stop_condition = True
31        # Update internal states
32        e_h, e_c = h, c
33
34    return decoded_sentence
```

```
1 def seq2summary(input_seq):
2     newString=''
3     for i in input_seq:
4       if((i!=0 and i!=target_word_index['start']) and i!=target_word_index['end
5         newString=newString+reverse_target_word_index[i]+' '
6     return newString
7
8 def seq2text(input_seq):
9     newString=''
10    for i in input_seq:
11      if(i!=0):
12        newString=newString+reverse_source_word_index[i]+' '
13    return newString
```

```
1 for i in range(len(x_val)):
2   print("Review:",seq2text(x_val[i]))
3   print("Original summary:",seq2summary(y_val[i]))
4   print("Predicted summary:",decode_sequence(x_val[i].reshape(1,max_len_text)))
5   print("\n")
```

```
Streaming output truncated to the last 5000 lines.
  [ 4.71766204e-01  0.00000000e+00 -8.84506479e-03 ... -1.05113015e-01
   -1.11986808e-01  1.23068609e-03]
  ...
  [-0.00000000e+00  4.91438240e-01  2.19100914e-16 ...  0.00000000e+00
   -8.25480163e-01  9.86294448e-01]
  [-0.00000000e+00  4.91427630e-01  1.08646865e-16 ...  0.00000000e+00
   -8.25480163e-01  9.86295581e-01]
  [-0.00000000e+00  4.91417795e-01  5.38747663e-17 ...  0.00000000e+00
   -8.25480163e-01  9.86296654e-01]]]
sampled_token: good
sampled_token: flavor
sampled_token: end
Predicted summary:  good flavor


Review: cheese good fit meal well expense shipping made one time purchase
Original summary: my view
input_seq: [[ 208    2  798  237   27 3124  152   44    4   18  175    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-7.06569403e
    2.75606066e-02 -8.61830190e-02]
  [-0.00000000e+00 -7.38541126e-01  1.49689302e-01 ... -1.61938876e-01
   -2.12566257e-01 -1.95980161e-01]
  [-0.00000000e+00 -8.35797429e-01  1.15898706e-01 ... -0.00000000e+00
   -5.27184904e-01 -2.25661531e-01]
  ...
  [-0.00000000e+00  7.54418969e-01 -4.92181822e-19 ...  0.00000000e+00
   -7.47757316e-01  9.93053734e-01]
  [-0.00000000e+00  7.54636288e-01 -2.41891496e-19 ...  0.00000000e+00
   -7.47757316e-01  9.93096948e-01]
  [-0.00000000e+00  7.54842639e-01 -1.18954957e-19 ...  0.00000000e+00
   -7.47757316e-01  9.93138492e-01]]]
sampled_token: good
sampled_token: end
Predicted summary:  good


Review: love soda wish could find store live sells
Original summary: go big red
input_seq: [[  11  330  292   37   29   55  529 1183    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [ 9.1556802e-02  5.5124629e-02  0.0000000e+00 ... -5.4362804e-02
   -0.0000000e+00 -5.7870355e-02]
  [ 3.6955813e-01  0.0000000e+00  0.0000000e+00 ... -5.6370944e-01
   -0.0000000e+00 -0.0000000e+00]
  ...
  [-0.0000000e+00  7.5272423e-01  4.2480649e-19 ...  0.0000000e+00
    9.8137665e-01  9.8862898e-01]
  [-0.0000000e+00  7.5271916e-01  2.1147351e-19 ...  0.0000000e+00
```

```
    9.8137665e-01  9.8863024e-01]
  [-0.0000000e+00  7.5271469e-01  1.0527355e-19 ...  0.0000000e+00
    9.8137665e-01  9.8863143e-01]]]
sampled_token: love
sampled_token: it
sampled_token: end
Predicted summary:  love it


Review: first found product year ago free mini bag giveaway malamute large do
Original summary: hips
input_seq: [[   34    41     7   172   316    50  1084    38 17924  9911   22
  10614  3405   596    34   925   142  2514   505   472  2843    78 10093
     34    18   172   310   678   250  1984   250   110   142  2514   453
   5885  7209   388  1070    23   142  2514    19    23 42795   100   596
    191  1070   250   110   142  2514   956   179     1   663    94    98
      5    59     7   332   433  3854   403   157   596   543  1800     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 8.9793904e-03
   -3.3703282e-02  3.0401871e-03]
  [ 1.9645076e-02 -4.1413750e-02 -1.4523652e-01 ...  3.2561488e-02
   -6.1633680e-02  3.0804945e-02]
  [ 1.4457826e-01 -5.6526285e-02 -1.8074439e-01 ... -7.7757694e-02
   -1.2758271e-01  3.8009115e-02]
  ...
  [-0.0000000e+00  4.5549932e-01 -3.6728077e-02 ...  5.4382679e-07
    1.0000000e+00  9.4710302e-01]
  [-0.0000000e+00  6.5296352e-01 -1.5902488e-02 ...  1.3065485e-08
    1.0000000e+00  9.5843458e-01]
  [-0.0000000e+00  6.9378024e-01 -6.5874867e-03 ...  2.9970532e-10
    1.0000000e+00  9.6269518e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: these
sampled_token: end
Predicted summary:  my dog loves these


Review: given one one neighbor child neighbor kids usually absolutely deserve
Original summary: the swedish chef would be proud
input_seq: [[  519     4     4  3228  1101  3228   258   212   275  4438   13
    621  1270     4   967   260   143  5411    80  1345  4559   247   748
    143   149  5133  1469    56     4  8656    92  1827  6122  2186    18
   1827  7618  9977 19888 19048  1910   285   688   526 11024 10219   533
    212 18449   298    76 51339  8861  1287    93    64   565 10824 10357
    194  1473  5464   114  3104  2207 41941  8354 24114  1105  2162  1187
    804   512   387    11  1473    21    11  1018]], e_out: [[[-0.04834938 -0
    0.02374036]
  [-0.08008475 -0.15028334 -0.03534965 ... -0.0730432  -0.02616716
   -0.0176823 ]
  [-0.10908663 -0.19410492 -0.13394214 ...  0.08524233 -0.08633871
   -0.08778103]
  ...
  [-0.         -0.6468846  -0.26187494 ... -0.09695553  0.26857144
   -0.31946087]
  [-0.         -0.8380164  -0.29373294 ...  0.06167005  0.34595323
   -0.4058543 ]
  [-0.         -0.83001465 -0.34297246 ...  0.06024646  0.36285335
```

```
   -0.36864132]]]
sampled_token: great
sampled_token: for
sampled_token: kids
sampled_token: with
sampled_token: allergies
sampled_token: end
Predicted summary:  great for kids with allergies


Review: received mine several weeks ago without dents tasty product would nic
Original summary:
input_seq: [[ 209  571  216  457  316   78 3172  137    7    5   61   64  150
  1031  262  926 2212   52  126   37 1031    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.6106820e-
    6.1230503e-02  5.2930456e-02]
  [-1.1589267e-02 -1.1030030e-01 -1.9043247e-01 ... -1.7855901e-01
    2.2050418e-01  3.7652954e-02]
  [-8.2733400e-02  2.4267675e-01 -3.3305651e-01 ... -3.7017133e-02
    4.0484864e-01 -6.6288173e-02]
  ...
  [-0.0000000e+00  6.6544300e-01 -1.2325200e-23 ...  0.0000000e+00
    4.4122256e-02  9.8952544e-01]
  [-0.0000000e+00  6.6498971e-01 -3.9178520e-24 ...  0.0000000e+00
    4.4122256e-02  9.8954362e-01]
  [-0.0000000e+00  6.6453135e-01 -1.2449553e-24 ...  0.0000000e+00
    4.4122256e-02  9.8956251e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: seller prompt respond returned items could use fragrance strong right
Original summary: not hypoallergenic
input_seq: [[ 653 2404 4829 1635  601   37   20 2239  109   82  479  334    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-8.1017554e-
    1.7711158e-01  1.0455084e-01]
  [-1.2656605e-01 -3.3669928e-01  4.7843107e-03 ... -4.5035157e-01
    9.3036324e-02 -1.0736986e-01]
  [-3.5258418e-01 -5.4956216e-01 -1.5498106e-01 ... -7.3084062e-01
    9.8249596e-03 -4.3609235e-01]
  ...
  [-4.6424926e-03  7.7916145e-01 -7.6383506e-21 ...  0.0000000e+00
    8.0784601e-01  9.9248940e-01]
  [-4.6432070e-03  7.7915877e-01 -3.4158872e-21 ...  0.0000000e+00
    8.0784601e-01  9.9249190e-01]
  [-4.6442542e-03  7.7915692e-01 -1.5275713e-21 ...  0.0000000e+00
    8.0784601e-01  9.9249434e-01]]]
sampled_token: not
sampled_token: as
```

```
sampled_token: advertised
sampled_token: end
Predicted summary:  not as advertised


Review: purchased friend searching flavor instant coffee could find brewing a
Original summary: southern pecan coffee
input_seq: [[ 180  524 1438    8  616    9   37   29  837  458  169    3    6
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.3316658e-
   -5.9908524e-02  2.4889732e-02]
  [ 1.1157328e-01 -8.7558448e-02 -5.1708370e-02 ... -2.7041015e-01
   -9.7733274e-02  3.0097896e-02]
  [ 1.3095906e-01 -7.3820233e-02 -1.5124258e-01 ... -3.0919105e-01
   -1.7806049e-01 -5.9075255e-02]
  ...
  [-2.0291310e-02  5.7638043e-01 -1.2394265e-15 ...  0.0000000e+00
   -9.7996002e-01  9.8735839e-01]
  [-2.0290790e-02  5.7637519e-01 -6.4053738e-16 ...  0.0000000e+00
   -9.7996002e-01  9.8735923e-01]
  [-2.0290418e-02  5.7637054e-01 -3.3102918e-16 ...  0.0000000e+00
   -9.7996002e-01  9.8736000e-01]]]
sampled_token: great
sampled_token: coffee
sampled_token: end
Predicted summary:  great coffee


Review: coffee maker husband wanted got great good features comes coffee make
Original summary: it just ok
input_seq: [[   9  696  270  309   67    6    2 4501  239    9   26  188   39
    14 4209   45  184  245  270   79   49    9 2562 1553    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 7.1154499e-
   -0.0000000e+00 -6.5003490e-01]
  [ 9.5626527e-01  5.0760794e-02 -3.0743206e-01 ...  0.0000000e+00
   -0.0000000e+00 -8.7000215e-01]
  [ 9.9314463e-01  7.9895228e-02 -8.9354980e-01 ...  0.0000000e+00
   -0.0000000e+00 -2.8438905e-01]
  ...
  [-1.9941565e-02  6.2351203e-01 -7.4829554e-18 ...  0.0000000e+00
   -9.9825412e-01  9.7885442e-01]
  [-1.9876156e-02  6.2443966e-01 -3.2213711e-18 ...  0.0000000e+00
   -9.9825412e-01  9.7894996e-01]
  [-1.9806547e-02  6.2496161e-01 -1.3876310e-18 ...  0.0000000e+00
   -9.9825412e-01  9.7901642e-01]]]
sampled_token: good
sampled_token: coffee
sampled_token: end
Predicted summary:  good coffee


Review: bit hesitant ordering mixed reviews however good seemed outweigh bad
```

```
Original summary: my mom was thrilled
input_seq: [[  53 2083  336  366  224   93    2  537 9363  107  451    1   69
     5    1  101  105  101  933   56  101 7343  845    5   26   18  971
    30  115 4654  569  143  231  873   18  933   56  825  651  652 4196
  1557 1071  567  130  408 5422  107  224  200   97  843  203    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-6.6807419e-
   -4.2964585e-02  2.7433742e-02]
  [-1.4706691e-01 -4.7304802e-02 -3.4328806e-01 ...  1.8677303e-01
   -1.7062511e-03  1.8184091e-01]
  [-1.6690207e-01 -1.6808355e-01 -5.0009632e-01 ...  2.2932436e-01
    1.1843389e-01  2.8143871e-01]
  ...
  [-0.0000000e+00  6.0890168e-01 -5.0340998e-09 ...  0.0000000e+00
    8.9566000e-02  9.8250765e-01]
  [-0.0000000e+00  6.0614645e-01 -1.6358483e-09 ...  0.0000000e+00
    8.9566000e-02  9.8244113e-01]
  [-0.0000000e+00  6.0368419e-01 -5.3254129e-10 ...  0.0000000e+00
    8.9566000e-02  9.8249120e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: bought cinnamon oil specifically improve flavor tea busy steep tea pu
Original summary: fantastic for ice tea
input_seq: [[   46   495   139  2334  2354     8    10  1116  1527    10   11
    10  1174    10  1467   841    40   679   111  5895   276   533  4797
   153  1467    74   754    49  1429   495   139   176    39    40   679
   504  7609  5277     3    10  6252   181  2108  2482  3626 51183   755
    10   495   168     2   252    32   982    51  1429 13247   286   210
   495   139  2132  5329  6722   176    39    35    10  1425    48  2354
   254     0     0     0     0     0     0     0]], e_out: [[[-3.4551639e-02
   2.7833385e-02  6.2093455e-02]
  [-6.7477793e-02  1.7731726e-01 -1.1004794e-02 ...  4.0115891e-03
   -1.2720317e-01 -2.1451613e-01]
  [-1.1455941e-01  5.9542585e-02  1.4938577e-01 ... -2.5341731e-02
   -1.7915110e-01 -3.6077432e-02]
  ...
  [-1.2653086e-01 -5.9984084e-02 -2.5927049e-01 ... -1.3619372e-05
   -2.1082957e-01  9.6395433e-01]
  [-5.0938465e-02  4.4186287e-02 -1.6455001e-01 ... -2.7831099e-06
   -2.1082957e-01  9.6504772e-01]
  [-6.2531402e-04  1.2872876e-01 -8.5845575e-02 ... -5.0800907e-07
   -2.1082957e-01  9.6374446e-01]]]
sampled_token: great
sampled_token: for
sampled_token: iced
sampled_token: tea
sampled_token: end
Predicted summary:  great for iced tea


Review: perfect gift tea coffee lovers cut removed valentine day sticker marc
Original summary: rific
input_seq: [[  97  372   10    9 1567  422 2255 5899   56 4821 3390  428    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.37660995e
    2.57361263e-01  1.70644939e-01]
  [-1.29447386e-01 -4.46968019e-01 -1.70093492e-01 ... -2.80413747e-01
    4.78638589e-01  6.39405847e-02]
  [ 1.17965475e-01 -2.63443328e-02  0.00000000e+00 ... -2.88221240e-01
   -0.00000000e+00 -4.92833644e-01]
  ...
  [-0.00000000e+00  7.42061615e-01 -2.39822803e-21 ...  0.00000000e+00
    9.98102188e-01  9.80804861e-01]
  [-0.00000000e+00  7.41974235e-01 -1.09006784e-21 ...  0.00000000e+00
    9.98102188e-01  9.80811894e-01]
  [-0.00000000e+00  7.41889119e-01 -4.95473058e-22 ...  0.00000000e+00
    9.98102188e-01  9.80818748e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: flavor okay though taste bit sweet much similar products crystal ligh
Original summary: ok but other brands are better
input_seq: [[    8   683   115     3    53    42    15   436   106  1714   24
    214    87   419  2663   413  1020   987   325  1639   382    40   940
    149    53   329   378    58    88  3430   325  4191    35    73   219
   2987   106   413   864  7745    21     7   767     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 1.69734716e-0
   -1.28807187e-01 -1.14374585e-01]
  [ 5.92423379e-01  0.00000000e+00  1.63683761e-02 ... -3.47855091e-01
   -6.57178909e-02 -0.00000000e+00]
  [ 9.70529377e-01  0.00000000e+00  8.23225826e-02 ... -5.68929911e-01
   -0.00000000e+00 -0.00000000e+00]
  ...
  [-0.00000000e+00  5.97096086e-01 -4.39487754e-14 ...  0.00000000e+00
   -5.60664296e-01  9.79910254e-01]
  [-0.00000000e+00  5.96527457e-01 -1.55215975e-14 ...  0.00000000e+00
   -5.60664296e-01  9.79897141e-01]
  [-0.00000000e+00  5.95993876e-01 -5.48181428e-15 ...  0.00000000e+00
   -5.60664296e-01  9.79879916e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: ran kitchen soon opened mix little dry dog food devours suprised firs
Original summary: my loved this
input_seq: [[ 1316   785   563   375    62    19   190    23    12  5444  518
    375   451  1302   122   125  2554   916   305    23    12    93   125
   2554  1117  1142   382   317   916  1234   882  3361   464     1   122
    125  2554  1255   639  5629   575   528   169    25   114    86   214
      5  2258   110    56    49   638    76    18   464     1   906    12
      5    33  1044 18753   317     6   221    52   628    32    72   282
     64   353   146   506   190    12  3455   532]], e_out: [[[-0.03543728 -0
```

```
    0.1393918 ]
  [-0.1897758  -0.5343504  -0.29510102 ... -0.1357536   0.29259396
    0.24457303]
  [-0.10682797 -0.8716429  -0.28321615 ... -0.22664082  0.42090508
   -0.25773612]
  ...
  [-0.2784283  -0.5343159   0.02062809 ... -0.35940412  0.5889418
   -0.0998139 ]
  [-0.19033144 -0.7229147  -0.03643061 ... -0.3002018   0.54397
   -0.22073212]
  [-0.12476692 -0.6680675  -0.06699568 ... -0.00250747  0.486666
   -0.35974392]]]
sampled_token: not
sampled_token: impressed
sampled_token: end
Predicted summary:  not impressed


Review: two fairly finicky cats ate first eat shopping grain free canned food
Original summary: cats will not eat it
input_seq: [[  49  771 1706  202  448   34   33 1341  510   50  393   12  260
   292  598  388 2156 3449    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-4.5080524e-
    7.1313925e-02  8.5228816e-02]
  [-6.9689840e-02 -4.4700958e-02 -3.0864611e-01 ...  1.5095630e-01
    1.7495219e-02  9.4943732e-02]
  [-1.4841802e-01 -1.7677714e-01 -4.6896410e-01 ...  2.4528290e-01
   -5.1159147e-02  1.9433707e-01]
  ...
  [-0.0000000e+00  6.0998398e-01 -2.3351033e-22 ...  0.0000000e+00
    9.9999690e-01  9.8138040e-01]
  [-0.0000000e+00  6.1005276e-01 -9.8103758e-23 ...  0.0000000e+00
    9.9999690e-01  9.8142499e-01]
  [-0.0000000e+00  6.1011583e-01 -4.1226843e-23 ...  0.0000000e+00
    9.9999690e-01  9.8146582e-01]]]
sampled_token: my
sampled_token: cats
sampled_token: love
sampled_token: it
sampled_token: end
Predicted summary:  my cats love it


Review: love product gluten free diet tasty allow stay diet
Original summary: larabar fruit and nut food bars
input_seq: [[  11    7  186   50  181  137 1575  688  181    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [-2.3965186e-02 -1.2421138e-01 -1.9879983e-01 ...  3.8977776e-02
    3.2080376e-01  9.2129707e-02]
  [-1.4028953e-03 -5.8462328e-01 -3.2467562e-01 ... -2.0489214e-01
   -7.4855566e-01  1.8192358e-01]
```

```
    7.4855566e-01  1.8192358e-01]
  ...
  [-0.0000000e+00  6.8620479e-01 -3.4544158e-22 ...  0.0000000e+00
    9.5259273e-01  9.9049073e-01]
  [-0.0000000e+00  6.8623650e-01 -1.5179519e-22 ...  0.0000000e+00
    9.5259273e-01  9.9050122e-01]
  [-0.0000000e+00  6.8626940e-01 -6.6708060e-23 ...  0.0000000e+00
    9.5259273e-01  9.9051172e-01]]]
sampled_token: gluten
sampled_token: free
sampled_token: end
Predicted summary:  gluten free


Review: decent product lot texture issues flavor light buttery sweet expected
Original summary: an aquired taste
input_seq: [[  649     7    77   158   596     8   247  1565    42   461   53
   1137   224  5180  5944   578     7  1820  1046   219   158   596   110
    530  1692   299   585   563  2084   583  2063 11696    80   620    33
   1186    25  1046   844  5979    58    13  3662 11696     7    17 13006
   4876  1223   120   639   586     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 1.05182946e-0
   -1.16516553e-01 -2.23006513e-02]
  [ 3.04618657e-01 -3.41661796e-02 -1.11166932e-01 ... -1.94728717e-01
   -2.39116162e-01  3.20712477e-02]
  [ 4.25192505e-01 -6.90403655e-02 -2.70871103e-01 ... -1.51050061e-01
   -3.20577800e-01  8.52910131e-02]
  ...
  [-0.00000000e+00  4.86329764e-01 -2.58003197e-09 ...  8.33381010e-26
    9.23565090e-01  9.53673124e-01]
  [-0.00000000e+00  4.84104514e-01 -8.99846087e-10 ...  5.69363709e-27
    9.23565090e-01  9.53733683e-01]
  [-0.00000000e+00  4.82103139e-01 -3.14602150e-10 ...  3.98509885e-28
    9.23565090e-01  9.53792512e-01]]]
sampled_token: great
sampled_token: for
sampled_token: those
sampled_token: with
sampled_token: soy
sampled_token: end
Predicted summary:  great for those with soy


Review: really good tender little sweet easy make whirley pop excellent chedd
Original summary: keep poppin
input_seq: [[  14    2 1428   19   42   96   26 4910  534  177 1140  499  213
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-3.1940036e-
    4.5668848e-02  5.3386271e-02]
  [-2.0486318e-02  4.1238684e-02 -1.8602225e-01 ...  9.3635201e-02
   -6.0147814e-02  5.3945031e-02]
  [ 2.6681772e-02  7.7599697e-02 -4.2714858e-03 ... -3.1785309e-01
   -2.3499098e-01  1.9380463e-03]
  ...
  [-0.0000000e+00  6.4967561e-01  2.0760407e-14  ...  0.0000000e+00
```

```
  [-0.0000000e+00  6.4907561e-01  2.0780467e-14 ...  0.0000000e+00
   -9.9865174e-01  9.9093580e-01]
  [-0.0000000e+00  6.4984733e-01  1.0849944e-14 ...  0.0000000e+00
   -9.9865174e-01  9.9101871e-01]
  [-0.0000000e+00  6.5001422e-01  5.6754299e-15 ...  0.0000000e+00
   -9.9865174e-01  9.9109900e-01]]]
sampled_token: good
sampled_token: stuff
sampled_token: end
Predicted summary:  good stuff


Review: delicious arrive stale send back replaced fresh merchandise product r
Original summary: beg to differ with previous reviewer
input_seq: [[  63 1376  676 1018  100 2179  108 6131    7 1209 2168  232 2202
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-8.8702202e-
    1.9759287e-01 -1.9559221e-01]
  [-5.3583845e-02  2.9350117e-01 -2.6669803e-01 ... -3.2155061e-01
    5.0628912e-01 -7.8470990e-02]
  [ 3.0938873e-02  2.6779208e-01  1.3559838e-02 ... -5.1130664e-01
   -2.8783564e-02 -0.0000000e+00]
  ...
  [-0.0000000e+00  8.6450350e-01  6.1582206e-19 ...  0.0000000e+00
    9.5782512e-01  9.8896670e-01]
  [-0.0000000e+00  8.6449361e-01  2.8913351e-19 ...  0.0000000e+00
    9.5782512e-01  9.8896736e-01]
  [-0.0000000e+00  8.6448479e-01  1.3574990e-19 ...  0.0000000e+00
    9.5782512e-01  9.8896796e-01]]]
sampled_token: melted
sampled_token: end
Predicted summary:  melted


Review: lazy guinness river bought product specifically test claims made mark
Original summary: color me
input_seq: [[ 2975 11010  4763    46     7  2334   950  1677    44  2244  754
     83   736  2699    13   608    57   420   340    37    45   171   341
   9368   893  4834   284   893  1294   179  1229   692  2076   950     2
    345     8   608  1610   149   119    18   107     3   910  2734  1584
   8419    17  4326   874  7170   350   561    56   434  1259   134   763
    720  7548   608   238  1170   420   340   135  1038  4458    44  6146
   1181  2052 30174  8283   265   608   144  1447]], e_out: [[[-0.00353598  0
    0.03605036]
  [ 0.3065646   0.06296074 -0.10121404 ...  0.1451339  -0.04470012
   -0.18387184]
  [ 0.91197705  0.         -0.34131065 ...  0.23659475 -0.08783245
    0.05552774]
  ...
  [ 0.5022508   0.03591739  0.         ... -0.4096242  -0.05432143
   -0.11056185]
  [ 0.908058    0.0293221   0.         ... -0.69038385 -0.09941721
   -0.        ]
  [ 0.7730059   0.0069039   0.17698535 ... -0.7947912  -0.11614135
   -0.01269613]]]
sampled_token: not
```

```
sampled_token: not
sampled_token: so
sampled_token: good
sampled_token: end
Predicted summary:  not so good


Review: several years wife looked every candy store walk past find candy chil
Original summary: like the old days
input_seq: [[ 216   94  437  451   76  232   55 1975  483   29  232 2168 1472
    41   46   16  664  372 1623  200  160  967 5608  148  100 1587  238
   462   98 2720  232  473    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-6.1122678e-
    3.6955636e-02  1.6961282e-02]
  [-1.5157692e-01  1.3491471e-01 -3.0809563e-01 ...  1.2977497e-01
    2.5191551e-01  1.5279487e-01]
  [-1.6951738e-01  2.6013902e-01 -4.9768528e-01 ...  1.8065412e-01
    5.1294571e-01  2.7874210e-01]
  ...
  [-0.0000000e+00  7.9798788e-01  1.1420000e-14 ...  0.0000000e+00
    9.3535537e-01  9.6719205e-01]
  [-0.0000000e+00  7.9773170e-01  4.6201052e-15 ...  0.0000000e+00
    9.3535537e-01  9.6720588e-01]
  [-0.0000000e+00  7.9751778e-01  1.8689018e-15 ...  0.0000000e+00
    9.3535537e-01  9.6721810e-01]]]
sampled_token: the
sampled_token: best
sampled_token: end
Predicted summary:  the best


Review: love product cherry soda without sugars chemicals present standard co
Original summary: delicious
input_seq: [[  11    7  435  330   78 1138 1254 1549  865 1826  214  169    8
  2721    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [-2.3965186e-02 -1.2421138e-01 -1.9879983e-01 ...  3.8977776e-02
    3.2080376e-01  9.2129707e-02]
  [ 1.3118660e-01  2.4903392e-02  0.0000000e+00 ... -3.5790825e-01
   -3.1108309e-02 -3.0496350e-02]
  ...
  [-0.0000000e+00  6.1980969e-01  2.2418653e-17 ...  0.0000000e+00
   -6.7801344e-01  9.9227250e-01]
  [-0.0000000e+00  6.1980325e-01  1.0583313e-17 ...  0.0000000e+00
   -6.7801344e-01  9.9227297e-01]
  [-0.0000000e+00  6.1979741e-01  4.9960865e-18 ...  0.0000000e+00
   -6.7801344e-01  9.9227345e-01]]]
sampled_token: love
sampled_token: it
sampled_token: end
Predicted summary:  love it
```

```
Review: dental chews right size golden retrievers love chews arrived promptly
Original summary: good deal
input_seq: [[1310  764   82  130 1321 6913   11  764  231 1615    2  732    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-2.2333644e-
    2.6010394e-01  3.8633034e-01]
  [-2.3822612e-01 -9.2599899e-01 -1.1948452e-01 ...  0.0000000e+00
    3.2881093e-01  8.6031914e-01]
  [-1.9275257e-01 -9.8076224e-01 -6.9460265e-02 ...  0.0000000e+00
    3.5739519e-02  9.7005957e-01]
  ...
  [-1.5672827e-02  7.9240137e-01 -5.3673884e-19 ...  0.0000000e+00
    1.0000000e+00  9.8510444e-01]
  [-1.5668454e-02  7.9239225e-01 -2.7238763e-19 ...  0.0000000e+00
    1.0000000e+00  9.8510456e-01]
  [-1.5664479e-02  7.9238403e-01 -1.3823278e-19 ...  0.0000000e+00
    1.0000000e+00  9.8510468e-01]]]
sampled_token: greenies
sampled_token: end
Predicted summary:  greenies


Review: wife food sensitives gluten eggs nuts dairy hard find really good foo
Original summary: perfect for finicky diets
input_seq: [[  437    12 32306   186   899   337  1074   118    29    14
  23654   552  4145  4571   343  1451   181  5313     2     5    33    30
   5313    60   227    76   293   250   743   381    27    30    64  4571
   4528    95    12    63     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-4.2299796e-02
    1.2117722e-01  8.6883239e-02]
  [-2.2306746e-01 -3.4995750e-01 -3.5673985e-01 ...  5.1401462e-02
    2.8623191e-01  2.5927624e-01]
  [-2.9993862e-01 -5.6052673e-01 -2.6676285e-01 ...  1.4824791e-01
    1.3615051e-01 -1.2113907e-01]
  ...
  [-0.0000000e+00  4.8110363e-01 -1.5120832e-14 ...  0.0000000e+00
    9.7097927e-01  9.5092314e-01]
  [-0.0000000e+00  4.8781309e-01 -6.0104979e-15 ...  0.0000000e+00
    9.7097927e-01  9.5056820e-01]
  [-0.0000000e+00  4.9369395e-01 -2.3998595e-15 ...  0.0000000e+00
    9.7097927e-01  9.5018685e-01]]]
sampled_token: great
sampled_token: for
sampled_token: kids
sampled_token: with
sampled_token: allergies
sampled_token: end
Predicted summary:  great for kids with allergies


Review: great easy use product pasta steaks tried tomato truffle well good ex
Original summary: great and easy to use truffles
input_seq: [[    6    96    20     7   255 2237    25 1083 1811    27     2  432    27
```

```
   399  191    6  863    3 1811   78 1093  114   22 2304    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.4182791e-
    2.1750179e-01  1.6637650e-01]
  [-1.0458583e-01 -3.3914721e-01 -3.3701998e-01 ...  2.0314717e-01
    4.9922910e-01  2.8341073e-01]
  [-1.0131658e-01 -5.3022826e-01 -4.4018701e-01 ...  4.2239916e-01
    6.5521276e-01  2.8523889e-01]
  ...
  [-0.0000000e+00  5.2578771e-01 -1.4160027e-24 ...  0.0000000e+00
   -4.0060496e-01  9.5963705e-01]
  [-0.0000000e+00  5.2586478e-01 -4.8836964e-25 ...  0.0000000e+00
   -4.0060496e-01  9.5952535e-01]
  [-0.0000000e+00  5.2593660e-01 -1.6896150e-25 ...  0.0000000e+00
   -4.0060496e-01  9.5941216e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: tried quite different brands styles seaweed snacks definitely best fl
Original summary: addictive deliciousness
input_seq: [[  25  149   99  214 6049 2851  449  116   24    8  271  160  135
  1035 1994  379 1396 2113 2610 1552    8  347  219   19   47  151 5727
  2851 4082   48  318  113   21  276 1399  582   18    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-9.3390234e-
   -3.2897286e-02 -4.3892384e-02]
  [ 6.3040473e-02  2.3070043e-02 -1.7593163e-01 ...  2.7142459e-01
   -1.3014059e-01  3.5147533e-02]
  [ 2.7704039e-01  3.9980612e-03 -3.3429092e-01 ...  3.9681703e-01
   -1.6174650e-01  7.1106426e-02]
  ...
  [-0.0000000e+00  6.5475243e-01 -1.8241164e-15 ...  0.0000000e+00
    9.9352562e-01  9.4947499e-01]
  [-0.0000000e+00  6.5451658e-01 -7.3689124e-16 ...  0.0000000e+00
    9.9352562e-01  9.4955915e-01]
  [-0.0000000e+00  6.5432340e-01 -2.9771673e-16 ...  0.0000000e+00
    9.9352562e-01  9.4964236e-01]]]
sampled_token: love
sampled_token: these
sampled_token: end
Predicted summary:  love these


Review: stuff great subscribe save hooks month butters devours fast poops lik
Original summary: dog eats this ish for breakfast lunch and dinner
input_seq: [[   84     6   513   281 16515   338  5141  5444   318  5295
      6  1044  3008    44    84     1  2607     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0]], e_out: [[[ 4.4539031e-02
```

```
   -5.6369055e-02 -3.0408883e-02]
  [-1.4792947e-01 -2.8152419e-02  4.9517486e-02 ...  1.3723071e-01
    4.4104621e-02  5.6240276e-02]
  [-2.1119645e-01  5.0844350e-03 -1.3332398e-01 ...  3.2879063e-01
    1.9349799e-01  1.5484823e-01]
  ...
  [-0.0000000e+00  5.9653127e-01 -3.9175202e-23 ...  0.0000000e+00
    9.9988079e-01  9.5982617e-01]
  [-0.0000000e+00  5.9664232e-01 -1.5282340e-23 ...  0.0000000e+00
    9.9988079e-01  9.5990038e-01]
  [-0.0000000e+00  5.9675354e-01 -5.9647915e-24 ...  0.0000000e+00
    9.9988079e-01  9.5997506e-01]]]
sampled_token: great
sampled_token: for
sampled_token: on
sampled_token: the
sampled_token: go
sampled_token: end
Predicted summary:  great for on the go


Review: instead taste like starbuck mochas make tasty coffee drink like choco
Original summary: very versatile
input_seq: [[  251     3     1  3732  6233    26   137     9    35     1  303
      4   999   481    49  5094 11820   841   633   561    48    39    85
    418    74   357   103    71     1   119   500  1624   245   104   120
  11820   484    83   825   426   440  4531  1150     5   740   254    12
    542  1249    91   171   135   426   440   410   129   487  4455  7161
     89    52  3903   566   752  1835   891    36   391  1109  1249   275
    545  2846   128  3544 11820  1451   898   197]], e_out: [[[ 0.05282496 -0
    0.04101075]
  [ 0.2533436  -0.081542    0.07746896 ... -0.23276958 -0.18257524
   -0.10124418]
  [ 0.508825   -0.04811009  0.01887075 ... -0.17427126 -0.2622775
   -0.18235816]
  ...
  [-0.61249435 -0.682637   -0.30940297 ...  0.22843854 -0.00673482
   -0.728929  ]
  [-0.60296834 -0.6591555  -0.30744216 ...  0.346683   -0.00360911
   -0.7979817 ]
  [-0.3881239  -0.6952337  -0.45965582 ...  0.3810147  -0.00475979
   -0.84330755]]]
sampled_token: good
sampled_token: espresso
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good espresso but not great


Review: bought one year old sheltie christmas loves put premier buddy berrys
Original summary: tug jug gets my dog approval
input_seq: [[   46     4   172    98  5542   664    79   111  6068  2790 4243
    144   149    27   193  2648   516  1309  1037  3248    13    75   217
    161    70   516 13124   179  1450   662  2970   149     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
```

```
       0     0     0     0     0     0     0     0     0     0     0     0
       0     0     0     0     0     0     0     0]], e_out: [[[-3.45516391e-0
    2.78333854e-02  6.20934553e-02]
  [-4.33409140e-02 -1.14890456e-01 -1.34323433e-01 ... -3.11531574e-02
   -3.56250517e-02  1.28249135e-02]
  [-1.63016513e-01 -3.03247601e-01 -2.93134034e-01 ...  8.63848552e-02
    7.28929341e-02  1.63123310e-01]
  ...
  [-0.00000000e+00  5.99209011e-01 -1.64338130e-16 ...  0.00000000e+00
    1.00000000e+00  9.88417625e-01]
  [-0.00000000e+00  5.99711835e-01 -6.11128183e-17 ...  0.00000000e+00
    1.00000000e+00  9.88339663e-01]
  [-0.00000000e+00  6.00177407e-01 -2.27494157e-17 ...  0.00000000e+00
    1.00000000e+00  9.88273561e-01]]]
sampled_token: not
sampled_token: for
sampled_token: chewers
sampled_token: end
Predicted summary:  not for chewers


Review: checked fine print ingredients saw sucralose honey granules might lar
Original summary: too sweet wish they left out the sucralose
input_seq: [[ 1445   235  3128    89   472  1803   236  3161   211  2992   42
      3  3986   391   722   696  4230  3546     7    80  1291   334  2094
     25  7981    60  1833   539    27   816     8 42996  3758    58    42
    107    54     1  1576   839  1779     6    11    48    66    19   490
    762    40    72   256  3660   827   271    48    42     4   466   578
    335  1797  1797     8   106   228     1   327     3    42   539  4159
    340    66   272   724  1103   189     1     7]], e_out: [[[ 0.06612391 -0
    0.02890417]
  [ 0.19944334 -0.15095763  0.07253454 ... -0.400697   -0.21907745
   -0.07922692]
  [ 0.5058713  -0.26075473 -0.17651193 ... -0.6395794  -0.39832434
   -0.14652489]
  ...
  [ 0.9291384  -0.01028804 -0.10804578 ...  0.7277371  -0.
   -0.12316849]
  [ 0.95877516 -0.         -0.4285475  ...  0.6730167  -0.04608706
   -0.053741  ]
  [ 0.94204867 -0.         -0.81632894 ...  0.6188359  -0.26358408
   -0.03919363]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: portable simple use near caliber loose teas one product recommend kus
Original summary: nice perhaps bit bland warning never order loose tea
input_seq: [[ 2719   624    20   875 11823   690   324     4     7    59  964
     10 44412     5  3139   619   690    10    10 18187   970   175   485
    101   485    10 13218   113  3125   231  2114   190   902  7596   504
     18   310   684  1884   640    10 18187    10  2095   838 10535    38
   1099  2095  4503  3893  2643   265   160   107   228   652  2815   223
   2032   219   593 18531   136   690    10    10 18187   175    88   790
    154   229   838   154    31   329   240  1511]], e_out: [[[-0.18144226 -0
    0.29991844]
```

```
  [-0.1430906  -0.618279   -0.22350799 ...  0.12696296  0.33792654
    0.20066535]
  [-0.206245   -0.6727602  -0.27749816 ...  0.27631345  0.35234746
    0.05352572]
  ...
  [-0.28390253 -0.0683209  -0.328191   ... -0.10916793  0.7406056
    0.36270025]
  [-0.2307102   0.04743803 -0.32027054 ... -0.09282262  0.6101349
    0.32699025]
  [-0.2582469   0.02028505 -0.3357488  ... -0.08080555  0.4189648
    0.2751697 ]]]
sampled_token: not
sampled_token: the
sampled_token: same
sampled_token: tea
sampled_token: end
Predicted summary:  not the same tea


Review: weeks pregnant worst case heartburn indigestion sick dawn till mom fo
Original summary: it works
input_seq: [[  457  3283  1004   227  2463  4569   853  8507  2006   825    4
     34    56  1023   155 15608  2349    53  2724   120    56  2463  4569
     56    58   146   109   697    31   105   407  1971  3980    10     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.36144638e-0
    1.81920916e-01  2.01180011e-01]
  [-2.07442284e-01 -2.27142144e-02 -2.82800913e-01 ...  9.68774632e-02
    3.97463083e-01  1.21801846e-01]
  [ 1.93768278e-01  8.80691484e-02 -9.73008573e-02 ...  7.59458169e-02
    1.04717851e-01 -9.59213153e-02]
  ...
  [-0.00000000e+00  3.35633636e-01 -1.79602545e-14 ...  0.00000000e+00
    9.88160670e-01  9.79897738e-01]
  [-0.00000000e+00  3.35637212e-01 -6.83990836e-15 ...  0.00000000e+00
    9.88160670e-01  9.79900658e-01]
  [-0.00000000e+00  3.35681766e-01 -2.60571581e-15 ...  0.00000000e+00
    9.88160670e-01  9.79902089e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: great couldnt stop eating lowest priced anywhere buy even next time c
Original summary: great buy
input_seq: [[   6 4587  627  110 2998  850  759   21   30  277   18 1598   83
   579 1887  888  579   17  407   15    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.4182791e-
    2.1750179e-01  1.6637650e-01]
  [-3.8090680e-02  3.0048361e-01 -2.0146869e-01 ...  3.0976447e-01
    3.3190882e-01 -7.5130612e-02]
  [-1.9364480e-02  4.0635934e-01 -2.9130816e-01 ...  4.5867473e-01
```

```
    5.0153482e-01 -3.1765640e-02]
  ...
  [-0.0000000e+00  8.0796379e-01 -3.1776844e-19 ...  0.0000000e+00
    9.8032647e-01  9.7695541e-01]
  [-0.0000000e+00  8.0794692e-01 -1.3850668e-19 ...  0.0000000e+00
    9.8032647e-01  9.7696602e-01]
  [-0.0000000e+00  8.0793065e-01 -6.0375377e-20 ...  0.0000000e+00
    9.8032647e-01  9.7697556e-01]]]
sampled_token: love
sampled_token: these
sampled_token: end
Predicted summary:  love these


Review: month loves treats use training perfect size easy break smaller dogs
Original summary: my puppy loves these treats
input_seq: [[338  79  75  20 769  97 130  96 603 388  65  43 125 287 194  72
   90   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[-1.6403657e-01 -2.9526654e-01
    2.4395357e-01  2.2302096e-01]
  [-1.1128706e-01 -8.8759547e-01 -2.4254997e-01 ...  4.9547788e-02
    5.1934469e-01  5.7445192e-01]
  [-3.5616878e-02 -9.7969162e-01 -1.2804233e-01 ...  6.1682728e-03
    6.4301497e-01  9.1139627e-01]
  ...
  [-0.0000000e+00  6.7451549e-01 -1.7553134e-18 ...  0.0000000e+00
    1.0000000e+00  9.6834296e-01]
  [-0.0000000e+00  6.7449731e-01 -8.3932445e-19 ...  0.0000000e+00
    1.0000000e+00  9.6834654e-01]
  [-0.0000000e+00  6.7448080e-01 -4.0132978e-19 ...  0.0000000e+00
    1.0000000e+00  9.6834981e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: these
sampled_token: end
Predicted summary:  my dog loves these


Review: received bar influenster summer beauty good little sweet worth purcha
Original summary: yum
input_seq: [[ 209  185 3241  766 2722    2   19   42  184  175    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.6106820e-
    6.1230503e-02  5.2930456e-02]
  [-6.4902827e-02  1.4386596e-01 -2.4589624e-01 ... -3.2825238e-01
    2.4048893e-01 -3.6563769e-01]
  [-0.0000000e+00 -1.7325345e-02 -5.8232886e-01 ... -2.1588041e-01
    5.4014003e-01 -6.1341202e-01]
  ...
  [-0.0000000e+00  6.8825167e-01 -9.9051843e-23 ...  0.0000000e+00
   -4.2628819e-01  9.7854584e-01]
  [-0.0000000e+00  6.8828082e-01 -4.1861368e-23 ...  0.0000000e+00
   -4.2628819e-01  9.7855777e-01]]
```

```
   -4.2628819e-01  9.7855777e-01]
  [-0.0000000e+00  6.8831241e-01 -1.7692989e-23 ...  0.0000000e+00
   -4.2628819e-01  9.7857040e-01]]]
sampled_token: great
sampled_token: tasting
sampled_token: end
Predicted summary:  great tasting


Review: still good remember even drip brewed coffee rather cafecito another r
Original summary: lo que mi
input_seq: [[   58     2   675    30  1760   820     9   319 37774   153   84
   8499     8   240     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 3.9296661e-02
   -1.0736448e-02  5.3539913e-02]
  [ 2.4032049e-02  2.3591723e-02 -1.2705991e-01 ... -7.9105288e-02
   -1.4286320e-01  3.9674029e-02]
  [-4.1128572e-02  1.0297065e-02 -1.8524635e-01 ... -2.1274403e-01
   -1.8971889e-01  3.8649838e-02]
  ...
  [-0.0000000e+00  6.6017592e-01 -2.4016566e-23 ...  0.0000000e+00
   -9.9954706e-01  9.8989391e-01]
  [-0.0000000e+00  6.6016096e-01 -9.5767698e-24 ...  0.0000000e+00
   -9.9954706e-01  9.8989224e-01]
  [-0.0000000e+00  6.6014743e-01 -3.8188350e-24 ...  0.0000000e+00
   -9.9954706e-01  9.8989064e-01]]]
sampled_token: good
sampled_token: coffee
sampled_token: end
Predicted summary:  good coffee


Review: use lot various spices cooking wanted find source quality product rea
Original summary: quality spices
input_seq: [[   20    77   993   719   399   309    29   835    86     7   76
   4355  2369 19145     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.0396679e-01
    7.0808545e-02  9.4931006e-02]
  [-2.2996938e-01 -8.0121532e-02 -8.1751525e-02 ...  1.1444801e-01
    5.9815172e-02  9.5879361e-02]
  [-3.1722108e-01  6.6729173e-02 -2.3115301e-01 ...  2.7818772e-01
    3.5431437e-02 -7.4371703e-02]
  ...
  [-0.0000000e+00  6.3370574e-01  4.3339387e-25 ...  0.0000000e+00
    8.8629127e-01  9.7301370e-01]
  [-0.0000000e+00  6.3378441e-01  1.6873385e-25 ...  0.0000000e+00
    8.8629127e-01  9.7305918e-01]
  [-0.0000000e+00  6.3385379e-01  6.5714123e-26 ...  0.0000000e+00
    8.8629127e-01  9.7310013e-01]]]
sampled_token: great
sampled_token: product
```

```
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: great product love flavor zero calories makes drink ideal energy drin
Original summary: over priced
input_seq: [[   6    7   11    8 1219  141   80   35 1998  221   35  137   35
    22   48 1908 1189 1183  151   21 1528    7  244   22  473 3027  987
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.4182791e-
    2.1750179e-01  1.6637650e-01]
  [-9.5216691e-02 -1.0745322e-01 -2.6429343e-01 ...  1.3441594e-01
    3.4236878e-01  1.7110935e-01]
  [-9.1970131e-02  3.0898040e-02 -2.8715160e-01 ...  2.7940193e-01
    4.5612666e-01  1.9528340e-01]
  ...
  [-0.0000000e+00  5.8157295e-01 -1.5972172e-21 ...  0.0000000e+00
   -1.3697736e-01  9.7502685e-01]
  [-0.0000000e+00  5.8160871e-01 -5.4611243e-22 ...  0.0000000e+00
   -1.3697736e-01  9.7495133e-01]
  [-0.0000000e+00  5.8163905e-01 -1.8673639e-22 ...  0.0000000e+00
   -1.3697736e-01  9.7488075e-01]]]
sampled_token: tastes
sampled_token: like
sampled_token: medicine
sampled_token: end
Predicted summary:  tastes like medicine


Review: learned love louisiana coffee college beginning stuck years additiona
Original summary: best dark roast with chicory
input_seq: [[1309   11 5201    9 2090 2455  961   94 1323 2694  363   58  239
   485   20  182   15  168 6153   32  359   81    9  868 5201  214    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.5958348e-
    1.8013877e-01  1.5157524e-01]
  [-7.2843447e-02 -4.7414702e-01 -2.8748116e-01 ...  1.8879128e-01
    4.1990772e-01  1.5915407e-01]
  [-8.9103617e-02 -8.1754434e-01 -4.3207014e-01 ...  3.6901587e-01
    7.0784801e-01  3.3232585e-01]
  ...
  [-0.0000000e+00  6.1753809e-01 -3.4791692e-18 ...  0.0000000e+00
   -9.7646868e-01  9.6579903e-01]
  [-0.0000000e+00  6.1743420e-01 -1.4669886e-18 ...  0.0000000e+00
   -9.7646868e-01  9.6581274e-01]
  [-0.0000000e+00  6.1733425e-01 -6.1860992e-19 ...  0.0000000e+00
   -9.7646868e-01  9.6582657e-01]]]
sampled_token: great
sampled_token: coffee
sampled_token: end
Predicted summary:  great coffee


Review: like oreo oreo cakester got try double stuff cakesters best side note
```

```
Review: like oreo oreo cakester got try double stuff cakesters best side note
Original summary: double the pleasure
input_seq: [[    1  2506  2506 26965    67    32   926    84  7645    24   34
    152  1909   265  4097    31     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 2.36688405e-0
   -1.05595030e-01 -6.27540499e-02]
  [ 2.84399986e-01  4.73464914e-02 -3.97380395e-03 ...  2.03959823e-01
   -1.14048511e-01 -1.09248929e-01]
  [ 8.19815457e-01  0.00000000e+00 -1.04754746e-01 ...  5.92732489e-01
   -0.00000000e+00 -3.72328842e-03]
  ...
  [-0.00000000e+00  6.75743461e-01 -1.06390967e-21 ...  0.00000000e+00
   -9.78198647e-01  9.94545341e-01]
  [-0.00000000e+00  6.75729513e-01 -4.17223837e-22 ...  0.00000000e+00
   -9.78198647e-01  9.94543135e-01]
  [-0.00000000e+00  6.75716043e-01 -1.63617602e-22 ...  0.00000000e+00
   -9.78198647e-01  9.94541109e-01]]]
sampled_token: not
sampled_token: as
sampled_token: good
sampled_token: as
sampled_token: the
sampled_token: others
sampled_token: end
Predicted summary:  not as good as the others


Review: lime taste pretty prevalent blends well enough like pure lime flavor
Original summary: lime with kick
input_seq: [[  929     3   129  7204  1060    27    90     1   605   929
      3     1 49087   929   711   694 13091   296   658     8    26  4805
     19  1965   361   147   415  1658     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 1.8275706e-01
   -1.2654188e-01 -6.9629230e-02]
  [ 5.1869333e-01  0.0000000e+00  1.0941372e-01 ... -4.3451819e-01
   -1.5302198e-01 -2.2815766e-02]
  [ 9.3113786e-01  0.0000000e+00  1.8974555e-01 ... -5.0715685e-01
   -1.0639020e-01 -0.0000000e+00]
  ...
  [-0.0000000e+00  5.5557191e-01 -7.7615972e-20 ...  0.0000000e+00
   -8.7394702e-01  9.8987842e-01]
  [-0.0000000e+00  5.5719918e-01 -2.8030556e-20 ...  0.0000000e+00
   -8.7394702e-01  9.8999047e-01]
  [-0.0000000e+00  5.5778724e-01 -1.0128572e-20 ...  0.0000000e+00
   -8.7394702e-01  9.9008375e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: price excellent found virginia diner brand better lower quality peanu
```

```
Original summary: pretty good peanuts
input_seq: [[  22  177   41 4842 5921   81   31  617   86  908   93 4842  908
    31  233 8793    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.46879181e
   -3.22605260e-02  1.17304385e-01]
  [ 2.46584788e-02  1.25188991e-01 -2.72283345e-01 ...  1.54745753e-03
    5.59276715e-02  3.17017883e-01]
  [-4.94704694e-02  3.37864369e-01 -3.21936101e-01 ... -1.35991955e-02
    6.52535027e-03  4.13805515e-01]
  ...
  [-0.00000000e+00  8.50459874e-01 -9.05506926e-20 ...  0.00000000e+00
    6.83196783e-01  9.89269018e-01]
  [-0.00000000e+00  8.50453854e-01 -4.20496133e-20 ...  0.00000000e+00
    6.83196783e-01  9.89306569e-01]
  [-0.00000000e+00  8.50444674e-01 -1.95324888e-20 ...  0.00000000e+00
    6.83196783e-01  9.89340842e-01]]]
sampled_token: good
sampled_token: peanuts
sampled_token: end
Predicted summary:  good peanuts


Review: enjoy starting day cup coffee upon time used instant decent quality t
Original summary: nice coffee to the day
input_seq: [[ 117 1550   56   39    9  887   18   43  616  649   86   25    9
  3417  100  616 2974  298   61  616  197  309  354    9  696 2503  172
    46    4    9  198  570  215  129  401  137  430  101   16  149  401
   570   39    9  299    3 1681   56  898 3389   49    2  562  354    9
   696    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-9.34852138e
    1.05396092e-01 -2.25040950e-02]
  [-9.30914655e-02  1.42349243e-01 -3.58761907e-01 ...  7.16439039e-02
    4.53726768e-01  1.93082631e-01]
  [-6.10423684e-02  4.25888926e-01 -4.92924184e-01 ...  1.10456355e-01
    7.73827791e-01  4.37781751e-01]
  ...
  [-0.00000000e+00  4.17522371e-01 -5.64116868e-04 ... -1.06801790e-37
   -1.00000000e+00  9.73355114e-01]
  [-0.00000000e+00  4.19642478e-01 -2.66563846e-04 ... -0.00000000e+00
   -1.00000000e+00  9.73050654e-01]
  [-0.00000000e+00  4.21783715e-01 -1.25607985e-04 ...  0.00000000e+00
   -1.00000000e+00  9.72847879e-01]]]
sampled_token: great
sampled_token: coffee
sampled_token: end
Predicted summary:  great coffee


Review: bought son loves great snack little something long lunch
Original summary: stonewall jerquee spicy chicken
input_seq: [[ 46 358  79   6 102  19  69 119 612   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e out: [[[-3.4551639e-02 -9.6917868e-02
```

```
    2.7833385e-02  6.2093455e-02]
  [-1.7044261e-01 -5.2464038e-01 -2.6465333e-01 ... -9.8950565e-02
    2.6768664e-01  3.0430502e-01]
  [-9.5494010e-02 -9.5015353e-01 -2.0427722e-01 ...  2.5695650e-02
    5.4355794e-01  6.4955330e-01]
  ...
  [-0.0000000e+00  6.7848629e-01 -6.6513857e-19 ...  0.0000000e+00
    9.9997652e-01  9.6752495e-01]
  [-0.0000000e+00  6.7848325e-01 -3.2558842e-19 ...  0.0000000e+00
    9.9997652e-01  9.6752697e-01]
  [-0.0000000e+00  6.7848057e-01 -1.5937622e-19 ...  0.0000000e+00
    9.9997652e-01  9.6752876e-01]]]
sampled_token: great
sampled_token: snack
sampled_token: end
Predicted summary:  great snack


Review: used dilmah tea leaves wonderful taste one tastes like cheap imitatio
Original summary: doesn taste like dilmah tea at all
input_seq: [[  43 5997   10  567  169    3    4   54    1  593 5031   34    1
   842 1080  690   10  954 5250  567 4176  458   10  528   54    1   98
   622 9276   46  521 1106  280   15  128  360  566   10   54   15   31
    21  276  653    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-2.64701881e
   -4.02161432e-03  3.22958604e-02]
  [-4.94771600e-02  4.07439619e-02 -1.61083553e-05 ...  7.63410926e-02
   -1.09782726e-01  2.47364342e-02]
  [ 6.92498505e-01  0.00000000e+00  0.00000000e+00 ...  1.14423715e-01
   -0.00000000e+00 -3.39939147e-01]
  ...
  [-0.00000000e+00  5.00664830e-01 -7.16470015e-13 ...  3.28237490e-38
   -7.44132161e-01  9.90455270e-01]
  [-0.00000000e+00  5.00287354e-01 -2.44564189e-13 ...  0.00000000e+00
   -7.44132161e-01  9.90461290e-01]
  [-0.00000000e+00  4.99957860e-01 -8.34444682e-14 ...  0.00000000e+00
   -7.44132161e-01  9.90463555e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: really like taste black cherry juice tastes better cheaper kind bough
Original summary: tastes great
input_seq: [[ 14   1   3 226 435 192  54  31 315 233  46 138 196  55   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[-3.1940036e-02 -2.4749298e-02
    4.5668848e-02  5.3386271e-02]
  [ 2.2435965e-02  5.2917462e-02 -1.5063509e-01 ...  1.4195870e-01
   -7.6162867e-02 -8.7366374e-03]
  [ 2.5282398e-01  2.3869645e-02 -1.4306210e-01 ...  2.2314446e-01
   -2.0218168e-01 -5.1664440e-03]
  ...
  [-0.0000000e+00  6.6468126e-01  1.0443866e-19 ...  0.0000000e+00
```

```
    3.3155119e-01  9.9058712e-01]
  [-0.0000000e+00  6.6471291e-01  4.7135818e-20 ...  0.0000000e+00
    3.3155119e-01  9.9059308e-01]
  [-0.0000000e+00  6.6474080e-01  2.1274796e-20 ...  0.0000000e+00
    3.3155119e-01  9.9059838e-01]]]
sampled_token: good
sampled_token: flavor
sampled_token: end
Predicted summary:  good flavor


Review: love sugar free calorie fat free syrups coffee even put raspberry van
Original summary: delicious
input_seq: [[  11   36   50  494  165   50 1877    9   30  111  997  331   72
   330  413   57  244   58   53  201  345    5   14    1 1930  266  151
  3214   72   11  266  151  315  121  515 1217  148   13    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [ 9.1481179e-02  2.4216417e-02  0.0000000e+00 ... -2.4350537e-01
   -4.8982851e-02 -1.9625975e-02]
  [ 3.4712079e-01  0.0000000e+00  1.3145400e-02 ... -5.1486313e-01
   -8.9039192e-02  0.0000000e+00]
  ...
  [-0.0000000e+00  5.0336879e-01 -2.5320459e-16 ...  0.0000000e+00
   -9.3920535e-01  9.5159370e-01]
  [-0.0000000e+00  5.0463897e-01 -9.7983507e-17 ...  0.0000000e+00
   -9.3920535e-01  9.5165479e-01]
  [-0.0000000e+00  5.0641203e-01 -3.8109905e-17 ...  0.0000000e+00
   -9.3920535e-01  9.5183873e-01]]]
sampled_token: delicious
sampled_token: end
Predicted summary:  delicious


Review: bought gyro meat several times good since greek deli almost miles goo
Original summary: very good but there is no break on shipping
input_seq: [[   46  9679   326   216   280     2    51  2473  3820   163  282
     13   219   152   520   277    56   861   235     5    21 15875     5
   2556   152  2412   152    64   306    15  1018     2   326   594  1841
    380  1841   717   717    54   274    11   285    21  2886 16087  1437
    297   273    48     2  2075   425  2920   493    22   152  1331  5013
    152  1258    14   113    74   243  1063  1192     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-3.45516391e-0
    2.78333854e-02  6.20934553e-02]
  [ 1.14862897e-01 -1.79638088e-01  8.20045546e-03 ... -3.15453380e-01
   -1.25363082e-01 -4.69117193e-03]
  [ 2.70956010e-01 -1.48581713e-01  7.57647976e-02 ... -4.97131318e-01
   -2.85739064e-01 -1.22549616e-01]
  ...
  [-0.00000000e+00  6.35481119e-01 -2.91940203e-04 ...  0.00000000e+00
   -1.70470513e-02  9.52019632e-01]
  [-0.00000000e+00  6.27135336e-01 -1.00424812e-04 ...  0.00000000e+00
   -1.70470513e-02  9.53726709e-01]
  [-0.00000000e+00  6.22096837e-01 -3.41659870e-05 ...  0.00000000e+00
   -1.70470513e-02  9.54342961e-01]]]
sampled_token: great
```

```
sampled_token: product
sampled_token: but
sampled_token: end
Predicted summary:  great product but


Review: really love product exactly claims use morning get going side effect
Original summary: great product
input_seq: [[  14   11    7  434 1677   20  230   13  146  345 1077   11   36
    13  816   54    6    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-3.1940036e-
    4.5668848e-02  5.3386271e-02]
  [-9.0858601e-02 -7.6100133e-02 -2.4958369e-01 ...  1.3558684e-01
    2.4631019e-01  1.5891296e-01]
  [ 5.3310543e-03 -9.8729998e-02 -2.5181976e-01 ...  1.8222466e-01
    3.1704590e-01  1.2344348e-01]
  ...
  [-0.0000000e+00  7.1040177e-01  1.0965033e-17 ...  0.0000000e+00
    7.1769476e-01  9.8605728e-01]
  [-0.0000000e+00  7.1049744e-01  5.1297982e-18 ...  0.0000000e+00
    7.1769476e-01  9.8604590e-01]
  [-0.0000000e+00  7.1058464e-01  2.3998147e-18 ...  0.0000000e+00
    7.1769476e-01  9.8603541e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: looking forward fresh full bodied coffee instead got stale old bland
Original summary: stale and tasteless
input_seq: [[  136   794   108   188  1182     9   251    67   676    98   68
    375    38   108     9   751   458   304   550   362  3663   389    30
   1141   389   123   265   215   211  1470  2196   304   820   575  1972
      9   765   174   252     1   252   348    98     9    29 34370   775
     73   175   577   527   279  7597    91  1856   184     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 1.14496864e-0
   -6.39577284e-02 -6.01844070e-03]
  [ 1.27955034e-01  2.06217002e-02  7.42919818e-02 ... -1.77721500e-01
   -8.73541236e-02 -2.44425219e-02]
  [ 7.69869471e-03  6.10011071e-02  6.04191981e-02 ... -3.68752986e-01
   -9.53863338e-02 -4.03025821e-02]
  ...
  [-0.00000000e+00  5.67482293e-01 -4.25492850e-08 ...  1.81892910e-25
   -3.91283333e-01  9.82680678e-01]
  [-0.00000000e+00  5.65350831e-01 -1.40378269e-08 ...  8.38961122e-27
   -3.91283333e-01  9.82799053e-01]
  [-0.00000000e+00  5.63050568e-01 -4.63380623e-09 ...  4.01303760e-28
   -3.91283333e-01  9.82938230e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad
```

```
Review: love drinking hot tea favorites lots lemon figuring ginger would inte
Original summary: not for me
input_seq: [[  11  252   71   10  854  546  335 4067  242    5 1090  648  123
    57   32   35 3350  550  166 1048  444  242    8   48 2246   37    3
   335   43   40  109 1931  238 8727  242  263   10   30   71    3  695
  1582    4    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.03353821e
    2.09383696e-01  9.43347365e-02]
  [-2.33807489e-02  8.63371417e-02 -1.97968587e-01 ...  1.34600639e-01
    2.98933625e-01  5.19171208e-02]
  [ 1.26346529e-01  6.55326843e-02 -0.00000000e+00 ...  3.95193040e-01
    1.60067156e-02 -1.85169205e-01]
  ...
  [-0.00000000e+00  3.58899295e-01  1.44613332e-09 ...  1.13945515e-24
   -9.99998808e-01  9.68334556e-01]
  [-0.00000000e+00  3.60085249e-01  5.61412195e-10 ...  1.01987426e-25
   -9.99998808e-01  9.68410850e-01]
  [-0.00000000e+00  3.61118197e-01  2.17775187e-10 ...  9.10631216e-27
   -9.99998808e-01  9.68451798e-01]]]
sampled_token: strong
sampled_token: and
sampled_token: strong
sampled_token: end
Predicted summary:  strong and strong


Review: like others said consistency stage combo thin could thickened oatmeal
Original summary: baby loved it convenient pouch
input_seq: [[    1   274   200   604  2383  2150   717    37  7655   468   20
     98   203     8 25548  2815   328   173     1   465  2087  1536   195
   2248  1880    53     5    20   960   218   721  3207   176   788  1461
    702  1236   113    69    96   397   438   328    25  5665  1261   788
    340  1047     1    45    43  1159  1186  1070   328    37  1848    33
     29    78  1186     6   702     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 2.3668841e-02
   -1.0559503e-01 -6.2754050e-02]
  [ 1.7787659e-01  6.4003728e-02 -1.2699707e-01 ...  1.5122615e-01
   -1.9388889e-01 -3.4674795e-05]
  [ 4.6788397e-01  4.7464096e-03 -3.7766722e-01 ...  2.1422066e-01
   -2.4311607e-01  5.9363097e-02]
  ...
  [-0.0000000e+00  5.8675164e-01 -4.1789386e-07 ...  4.7766822e-09
    9.9998492e-01  9.4524610e-01]
  [-0.0000000e+00  5.6489336e-01 -1.5912022e-07 ...  4.4336795e-10
    9.9998492e-01  9.4278347e-01]
  [-0.0000000e+00  5.4450011e-01 -5.9768119e-08 ...  3.5870671e-11
    9.9998492e-01  9.3986261e-01]]]
sampled_token: great
sampled_token: for
sampled_token: baby
sampled_token: end
Predicted summary:  great for baby


Review: love stuff makes great bread bread maker great someone like also dair
Original summary: amazing bread mix
```

```
input_seq: [[  11   84   80    6  302  302  696    6  479    1   17 1074  670
    17   25  716 1440  417  147  246   30   31  385 5517  160  483    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.03353821e
    2.09383696e-01  9.43347365e-02]
  [-4.74564284e-02  5.23760173e-06 -1.30760118e-01 ...  1.87309682e-01
    2.40269795e-01  1.63694881e-02]
  [-7.66606033e-02  9.43378545e-03 -1.22242324e-01 ...  3.25269938e-01
    2.40741104e-01  5.42705357e-02]
  ...
  [-0.00000000e+00  5.79692721e-01 -2.53757877e-24 ...  0.00000000e+00
    9.15505230e-01  9.60385501e-01]
  [-0.00000000e+00  5.79504430e-01 -8.46741109e-25 ...  0.00000000e+00
    9.15505230e-01  9.60173249e-01]
  [-0.00000000e+00  5.79371750e-01 -2.83575946e-25 ...  0.00000000e+00
    9.15505230e-01  9.59927380e-01]]]
sampled_token: best
sampled_token: bread
sampled_token: ever
sampled_token: end
Predicted summary:  best bread ever


Review: smooth rewarding decaff bite taste buds simply enjoyable coffee
Original summary: for you
input_seq: [[ 299 6037 6126  450    3 1065  455 1315    9    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.5344380e-
   -7.5955726e-02 -3.6089513e-01]
  [-2.7963579e-01  7.9156987e-02 -5.7884943e-01 ...  2.6499549e-01
   -6.7928113e-02  5.3955417e-02]
  [-4.9676076e-01  1.6392666e-01 -9.1712809e-01 ...  4.7456017e-01
    2.2379388e-01  4.4116199e-01]
  ...
  [-1.8376904e-02  5.8552831e-01 -5.3028997e-15 ...  0.0000000e+00
   -9.9486166e-01  9.8904037e-01]
  [-1.8376902e-02  5.8552432e-01 -2.8781862e-15 ...  0.0000000e+00
   -9.9486166e-01  9.8904079e-01]
  [-1.8377077e-02  5.8552086e-01 -1.5621485e-15 ...  0.0000000e+00
   -9.9486166e-01  9.8904121e-01]]]
sampled_token: love
sampled_token: this
sampled_token: stuff
sampled_token: end
Predicted summary:  love this stuff


Review: love ordering amazon orders arrive fast well packed however smokehous
Original summary: very unhappy
input_seq: [[   11   336    16  1828  1376   318    27   636    93  4052   13
   1795  1724   792    44  1203   888  1805    21    44   880    23   853
     30   260    88   692   960     5   694    73 12932   785 10146  2400
     44   880    17   792  2336   165   297  5572    64   446     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
```

```
          0     0     0     0     0     0     0     0     0     0     0     0
          0     0     0     0     0     0     0     0     0     0     0     0
          0     0     0     0     0     0     0     0]], e_out: [[[-1.0335382e-01
    2.0938370e-01  9.4334736e-02]
  [-6.8916835e-02 -1.6409281e-01 -2.6898044e-01 ...  4.7080446e-02
    4.6513408e-01  1.4707242e-01]
  [-4.0803064e-02  8.1378944e-02 -3.0584097e-01 ...  1.3219939e-01
    7.0433348e-01  2.1297786e-01]
  ...
  [-0.0000000e+00  6.3709468e-01 -1.7046597e-12 ...  0.0000000e+00
    9.9475199e-01  9.8527449e-01]
  [-0.0000000e+00  6.3729411e-01 -5.6936422e-13 ...  0.0000000e+00
    9.9475199e-01  9.8533434e-01]
  [-0.0000000e+00  6.3834685e-01 -1.9106030e-13 ...  0.0000000e+00
    9.9475199e-01  9.8549235e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: took get used chips pretty good healthy sure eaten family friends
Original summary: pretty good tasting chip
input_seq: [[310  13  43 132 129   2  95 104 547 197 381   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[ 3.8511992e-02 -9.2379220e-02
    7.4399427e-02  7.8811869e-02]
  [-1.9250672e-02 -1.8403929e-01 -2.4738546e-01 ...  4.3267235e-02
    1.5017565e-01  6.3999951e-02]
  [-8.5759573e-02 -1.6857389e-01 -2.7899325e-01 ...  1.0335951e-01
    1.3535693e-01 -7.0853405e-02]
  ...
  [-0.0000000e+00  6.7838860e-01 -4.5429442e-21 ...  0.0000000e+00
    7.8271121e-01  9.6691358e-01]
  [-0.0000000e+00  6.7838907e-01 -2.0792285e-21 ...  0.0000000e+00
    7.8271121e-01  9.6691763e-01]
  [-0.0000000e+00  6.7838955e-01 -9.5165191e-22 ...  0.0000000e+00
    7.8271121e-01  9.6692127e-01]]]
sampled_token: great
sampled_token: chips
sampled_token: end
Predicted summary:  great chips


Review: works quite well month old yorkie responds well knows treat may comin
Original summary: training
input_seq: [[ 290  149   27  338   98 3257 8832   27 1288  112  157  872  392
    11   17    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.3906604e-
    8.6506419e-02  9.2701800e-02]
  [ 1.9433911e-01 -1.7118594e-01 -1.0232347e-01 ...  2.1285993e-01
    1.0622015e-02 -7.5364575e-02]
  [ 5.1841896e-02 -1.5642673e-01 -2.1484733e-01 ...  3.7782088e-01
   -4.6430599e-02 -3.5816637e-01]
```

```
  -4.0450599e-02 -5.5810057e-01]
 ...
 [-0.0000000e+00  5.8112890e-01 -4.9810583e-21 ...  0.0000000e+00
   9.9999994e-01  9.7806698e-01]
 [-0.0000000e+00  5.8115822e-01 -2.2456473e-21 ...  0.0000000e+00
   9.9999994e-01  9.7806460e-01]
 [-0.0000000e+00  5.8118677e-01 -1.0123922e-21 ...  0.0000000e+00
   9.9999994e-01  9.7806251e-01]]]
sampled_token: great
sampled_token: for
sampled_token: my
sampled_token: baby
sampled_token: end
Predicted summary:  great for my baby


Review: concerned best quality vitamins supplements pets lot online research
Original summary: best quality pet vitamin could find
input_seq: [[1038   24   86  891 2475 1468   77  400  922   41  134   65  924
  2248 1256  322 1265    3    2   23   79    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-6.3872345e-
   4.0068403e-02  3.1170972e-02]
 [-1.7187393e-01  1.5699378e-01 -3.7279326e-01 ...  2.1374391e-01
   2.6857635e-01  1.9133748e-01]
 [-1.8486956e-01  2.4414901e-01 -4.7919655e-01 ...  4.0670499e-01
   3.4129691e-01  1.8363743e-01]
 ...
 [-0.0000000e+00  5.5122715e-01 -1.7847833e-19 ...  0.0000000e+00
   1.0000000e+00  9.7134215e-01]
 [-0.0000000e+00  5.5122089e-01 -7.7659193e-20 ...  0.0000000e+00
   1.0000000e+00  9.7135025e-01]
 [-0.0000000e+00  5.5121672e-01 -3.3789944e-20 ...  0.0000000e+00
   1.0000000e+00  9.7135776e-01]]]
sampled_token: great
sampled_token: food
sampled_token: end
Predicted summary:  great food


Review: purchased kurig one first cups bought still use decaf would better ra
Original summary: good
input_seq: [[ 180 9292    4   34  155   46   58   20  551    5   31 1052  564
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.3316658e-
  -5.9908524e-02  2.4889732e-02]
 [ 3.9284998e-01  1.1013707e-01  2.2442309e-02 ...  5.5486674e-04
  -1.8902881e-01 -1.8505126e-01]
 [ 8.3844703e-01  0.0000000e+00 -2.0182420e-01 ...  2.3424201e-01
  -2.8152767e-01  1.2899564e-03]
 ...
 [-9.3335444e-03  5.9279472e-01 -3.8391036e-20 ...  0.0000000e+00
  -9.6339536e-01  9.8694837e-01]
 [-9.3566058e-03  5.9273368e-01 -1.7072129e-20 ...  0.0000000e+00
```

```
   -9.6339536e-01  9.8695272e-01]
  [-9.3784062e-03  5.9267706e-01 -7.5918087e-21 ...  0.0000000e+00
   -9.6339536e-01  9.8695678e-01]]]
sampled_token: not
sampled_token: worth
sampled_token: the
sampled_token: money
sampled_token: end
Predicted summary:  not worth the money


Review: meal whole ground brown rice whole ground barley oatmeal etc etc chef
Original summary: read the ingredients
input_seq: [[ 237  122  477  389  159  122  477 1555  468  408  408 1091 1591
  3097  237  459  538 1166  165 4181  366 1988  159  459  225 1452  408
   408  126  145  383   12  464  649 1675  389   84  464    1  326  780
  1048  389  134  118 2910   23  189   33    5   83 1247  279 1528   13
    38   69   31   55  485   38   45  888  485   38   69   19  553  492
   404  433 2157  321 1200   45   24  447 7162 2790]], e_out: [[[-0.1802489
    0.07617188]
  [-0.08163238 -0.6422893  -0.11598174 ... -0.33780378 -0.09740356
   -0.05566761]
  [-0.04996829 -0.8159797  -0.23817876 ... -0.35943314 -0.25931853
   -0.23125686]
  ...
  [-0.02009562  0.628121    0.24305251 ... -0.00488216  0.8387323
    0.24847247]
  [-0.01471761  0.06178707  0.500862   ... -0.06336483  0.99992853
   -0.02023147]
  [-0.11015405 -0.4412732   0.716071   ... -0.06825287  0.9999618
   -0.05907206]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: it
sampled_token: end
Predicted summary:  my dog loves it


Review: girls give chew bone backward glance fact daughter two dogs neither i
Original summary: very disappointing
input_seq: [[ 2574    57   398  1156 48380  6234   263   412    49    65  130
    273  1223  1682  3127   111   618   245   179     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.3951361e-01
    4.5353081e-02  9.1972530e-02]
  [-2.0725706e-01 -6.4740771e-01 -1.7422675e-01 ... -2.3792997e-01
    1.1239614e-01  6.4012110e-02]
  [-2.4252681e-01 -9.5312935e-01 -2.8177124e-01 ... -3.7631173e-02
    1.9341648e-01 -1.3269256e-01]
  ...
  [-0.0000000e+00  6.2607419e-01 -5.2958561e-23 ...  0.0000000e+00
    1.0000000e+00  9.8991024e-01]
  [-0.0000000e+00  6.2601507e-01 -1.9437217e-23 ...  0.0000000e+00
    1.0000000e+00  9.8990327e-01]
```

```
  [-0.0000000e+00  6.2596303e-01 -7.1355403e-24 ...  0.0000000e+00
    1.0000000e+00  9.8989630e-01]]]
sampled_token: not
sampled_token: for
sampled_token: small
sampled_token: dogs
sampled_token: end
Predicted summary:  not for small dogs


Review: new cup world variety good introduction flavors however husband uses
Original summary: good for variety
input_seq: [[ 161   39  635  266    2 6118   72   93  270  797  752  109   72
  2077  298 1469 1304 1580    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 9.0094827e-
    2.5813080e-02 -1.6717093e-02]
  [ 4.3439174e-01  1.2172164e-01 -1.7011924e-01 ...  6.0211360e-02
   -3.7313521e-02 -4.7260723e-01]
  [ 8.1463295e-01  1.4653127e-02 -6.7393726e-01 ...  3.0180186e-02
   -2.1170436e-01  8.5178584e-02]
  ...
  [-0.0000000e+00  6.2703180e-01 -1.3900811e-22 ...  0.0000000e+00
   -6.0162282e-01  9.8419642e-01]
  [-0.0000000e+00  6.2702113e-01 -5.5083166e-23 ...  0.0000000e+00
   -6.0162282e-01  9.8421776e-01]
  [-0.0000000e+00  6.2700790e-01 -2.1830501e-23 ...  0.0000000e+00
   -6.0162282e-01  9.8423678e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great


Review: anyway blends tad mild flavor individual tastes believe supposed bold
Original summary: fair
input_seq: [[  621  1060  2043   487     8   867    54   396   792   401  281
    892   367   166   300   401  7414   502    45     9   176  2813    93
    679  2813   462 10389  2451   283    15     9   322   321   247   300
     27   472   224  1055   401   392  1442  3213   220   401   166   109
    311   895    30    32    91  4296  3144   226  3918  1712   408   828
    135  3051   803  2370  1743   122    77     8   963  1060   868   984
   6898    45   984 34690 14017   135   685   179]], e_out: [[[ 0.1651609   0
   -0.07672343]
  [ 0.66508245  0.         -0.07862125 ...  0.26658845 -0.07496328
   -0.07165439]
  [ 0.94654197  0.         -0.50043386 ...  0.41662672 -0.02836996
    0.06556404]
  ...
  [ 0.91533124  0.6441911  -0.4079233  ...  0.8596171  -0.2583049
   -0.9972933 ]
  [ 0.9496777   0.5188888  -0.16809668 ...  0.9649226  -0.13623305
   -0.9995289 ]
  [ 0.97140455  0.3872258  -0.25495756 ...  0.9904723  -0.17795761
```

```
   -0.9999044 ]]]
sampled_token: strong
sampled_token: but
sampled_token: not
sampled_token: bitter
sampled_token: end
Predicted summary:  strong but not bitter


Review: looking fairly healthy snack good bet quite tasty crunchy mention pre
Original summary: these are amazingly tasty
input_seq: [[ 136  771   95  102    2 2282  149  137  368 1028  129    2   27
     4  473  509  263  149  201 1693  527   13  527  336    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.14496864e
   -6.39577284e-02 -6.01844070e-03]
  [ 2.07914978e-01  1.10463183e-02 -5.83134629e-02 ...  1.50498658e-01
   -1.47437915e-01  1.83762871e-02]
  [-1.69328660e-01 -7.51723275e-02 -3.36535335e-01 ...  3.18430364e-01
   -1.40384749e-01  2.19087988e-01]
  ...
  [-0.00000000e+00  6.54902637e-01 -1.17559632e-21 ...  0.00000000e+00
    3.38500798e-01  9.66551363e-01]
  [-0.00000000e+00  6.54881895e-01 -4.43153026e-22 ...  0.00000000e+00
    3.38500798e-01  9.66543317e-01]
  [-0.00000000e+00  6.54864013e-01 -1.67059232e-22 ...  0.00000000e+00
    3.38500798e-01  9.66537058e-01]]]
sampled_token: great
sampled_token: snack
sampled_token: end
Predicted summary:  great snack


Review: love pill pockets makes giving dog pills easy since give dog pills tw
Original summary: perfect idea
input_seq: [[  11 1463 2553   80  409   23 1676   96   51   57   23 1676  686
    77  315   21  400    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [ 6.3547753e-02 -5.8341566e-03  4.0555295e-02 ... -3.1637606e-01
    7.4012023e-03  5.3517916e-03]
  [ 1.4423943e-01 -4.3098826e-02  1.8237101e-01 ... -5.1418632e-01
   -1.5644990e-02  4.3274853e-02]
  ...
  [-0.0000000e+00  6.7364496e-01 -5.1244904e-22 ...  0.0000000e+00
    9.9999988e-01  9.9254841e-01]
  [-0.0000000e+00  6.7369813e-01 -2.2131494e-22 ...  0.0000000e+00
    9.9999988e-01  9.9259222e-01]
  [-0.0000000e+00  6.7375141e-01 -9.5627278e-23 ...  0.0000000e+00
    9.9999988e-01  9.9263448e-01]]]
sampled_token: pill
sampled_token: pockets
sampled_token: end
```

```
Predicted summary:  pill pockets


Review: toffe light coating chocolate chopped cashews heavenly little chocola
Original summary: definitely delightful and enjoyable beautifully presented
input_seq: [[32125   247  1112    28  1699   979  2765    19    28   555   17
    344  1282   776    28    14     2     8 24167  2668   737  3133  1870
   2750   247    58  9581   264  9326    42   194   178   455  1565    42
      2  3039    28  9856  3634 12902   311    97  3224    39   331  6020
    346  4166    70   243 17073 10919  3277   889    51   359   344  1396
   2498   717   501   178  1217   914     5    97   169   372  1471    10
      9  2077    11     2   344  1839   557  3417]], e_out: [[[ 0.21117625  0
   -0.03643427]
  [ 0.50340927  0.00951084  0.12963001 ...  0.05581241 -0.1181554
   -0.10834469]
  [ 0.74790925  0.          0.15789877 ... -0.1568119  -0.21160203
   -0.00547381]
  ...
  [-0.         -0.12637459  0.226095   ... -0.13413912  0.79967153
   -0.66353583]
  [-0.         -0.7885617   0.34957382 ... -0.09328891  0.8165879
   -0.43405178]
  [-0.         -0.823834    0.08388489 ... -0.02505231  0.8628814
   -0.7220166 ]]]
sampled_token: delicious
sampled_token: end
Predicted summary:  delicious


Review: dog likes treats keep laundry room everytime laundry buries head box
Original summary: dog likes them
input_seq: [[   23   353    75   103  5970   920  2756  5970 21625  1279    4
    112   118    75   233   145   189     5     2   656    65  3550  4045
    883    82   130     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-3.1693596e-01
    1.8253089e-01  3.0719218e-01]
  [-4.8383766e-01 -9.2896551e-01 -1.0747399e-01 ...  0.0000000e+00
    3.8869224e-02  7.3603284e-01]
  [-3.2100815e-01 -9.8601395e-01 -7.6831579e-02 ...  0.0000000e+00
    0.0000000e+00  9.2826366e-01]
  ...
  [-0.0000000e+00  5.6284302e-01 -5.0432779e-20 ...  0.0000000e+00
    1.0000000e+00  9.6983188e-01]
  [-0.0000000e+00  5.6280071e-01 -2.0168983e-20 ...  0.0000000e+00
    1.0000000e+00  9.6984273e-01]
  [-0.0000000e+00  5.6276333e-01 -8.0656758e-21 ...  0.0000000e+00
    1.0000000e+00  9.6985251e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: these
sampled_token: end
Predicted summary:  my dog loves these
```

```
Review: completely satisfied purchase individual packs almond nuts ate bags e
Original summary: perfect to go snacks
input_seq: [[ 550  836  175  867  521  673  337  448  154  352   63  107  337
    45  171  107  122  291   38 1735   97  237  102   14   95    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.60514832e
   -9.81282815e-02 -2.19985172e-02]
  [ 2.10927293e-01 -5.32606840e-02  2.00587049e-01 ... -2.67486751e-01
    -8.98758397e-02  1.67157426e-02]
  [ 1.80548102e-01 -8.57096910e-02  2.37537026e-01 ... -3.90773416e-01
    -1.18853614e-01 -6.85424879e-02]
  ...
  [-0.00000000e+00  6.45839155e-01  6.28536881e-16 ...  0.00000000e+00
     9.82377887e-01  9.56034601e-01]
  [-0.00000000e+00  6.45796299e-01  2.70288134e-16 ...  0.00000000e+00
     9.82377887e-01  9.56045151e-01]
  [-0.00000000e+00  6.45758688e-01  1.16228564e-16 ...  0.00000000e+00
     9.82377887e-01  9.56054568e-01]]]
sampled_token: great
sampled_token: snack
sampled_token: end
Predicted summary:  great snack


Review: airedale loves taste beef freeze dried dog treats use training really
Original summary: dog lover
input_seq: [[21471    79     3   349   972   362    23    75    20   769    1
       0     0     0     0     0     0     0     0     0     0     0     0
       0     0     0     0     0     0     0     0     0     0     0     0
       0     0     0     0     0     0     0     0     0     0     0     0
       0     0     0     0     0     0     0     0     0     0     0     0
       0     0     0     0     0     0     0     0     0     0     0     0
       0     0     0     0     0     0     0     0     0     0]], e_out: [[[-1.3019198e-01
    1.1789482e-01  5.9497438e-02]
  [-4.0958870e-02 -8.3265924e-01 -2.5000983e-01 ... -1.3304789e-01
    4.5584923e-01  2.8862476e-01]
  [-0.0000000e+00 -9.4501895e-01 -2.2964668e-01 ... -5.2442676e-03
    6.3517082e-01  4.3385956e-02]
  ...
  [-5.1902309e-03  7.3786098e-01 -2.1328013e-18 ...  0.0000000e+00
    9.9999994e-01  9.8981774e-01]
  [-5.2019758e-03  7.3800385e-01 -1.0634891e-18 ...  0.0000000e+00
    9.9999994e-01  9.8985738e-01]
  [-5.2128378e-03  7.3814273e-01 -5.3048034e-19 ...  0.0000000e+00
    9.9999994e-01  9.8989558e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: these
sampled_token: end
Predicted summary:  my dog loves these


Review: husband new favorite tea huge hibiscus taste good sure buying
Original summary: new favorite
input_seq: [[ 270  161   70   10  474 1876    3    2  104  121    0    0    0
```

```
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0]], e_out: [[[-7.8491397e-
    1.2446778e-01  1.6883044e-02]
  [-3.7578256e-03  7.6942332e-02 -2.1855058e-01 ...  1.0928144e-01
    2.2407703e-01  1.3847905e-03]
  [-6.3214796e-03  1.3084449e-01 -3.3124742e-01 ...  1.2916294e-01
    3.8926896e-01  1.4615457e-01]
  ...
  [-0.0000000e+00  4.9143082e-01  2.4250938e-21 ...  0.0000000e+00
    7.1149182e-01  9.8440760e-01]
  [-0.0000000e+00  4.9141574e-01  1.1715295e-21 ...  0.0000000e+00
    7.1149182e-01  9.8445982e-01]
  [-0.0000000e+00  4.9139410e-01  5.6614126e-22 ...  0.0000000e+00
    7.1149182e-01  9.8450810e-01]]]
sampled_token: love
sampled_token: this
sampled_token: tea
sampled_token: end
Predicted summary:  love this tea


Review: taste shakes awesome especially compared brands absolutely fill keep
Original summary: excellent taste but not filling
input_seq: [[   3 1792  423  267  462  214  275  841  103  188  614  102   52
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.1353959e-
   -1.4907151e-01 -6.4619035e-02]
  [ 4.4029939e-01  1.4859484e-02 -1.0979200e-01 ...  1.1884561e-01
   -1.8416207e-01 -6.4749107e-02]
  [ 2.4016002e-01  0.0000000e+00 -5.2288413e-01 ...  2.5973895e-01
   -1.5925050e-01  1.4194670e-01]
  ...
  [-0.0000000e+00  6.6464853e-01 -9.1711558e-18 ...  0.0000000e+00
    9.9935937e-01  9.7844160e-01]
  [-0.0000000e+00  6.6463405e-01 -4.4191429e-18 ...  0.0000000e+00
    9.9935937e-01  9.7844398e-01]
  [-0.0000000e+00  6.6462088e-01 -2.1293531e-18 ...  0.0000000e+00
    9.9935937e-01  9.7844613e-01]]]
sampled_token: love
sampled_token: it
sampled_token: end
Predicted summary:  love it


Review: much coffee drinker purchased flavor husband normally bold taste coff
Original summary: great coffee
input_seq: [[  15    9  846  180    8  270  632  401    3    9  846  369   70
   109  654   61  590  215    8  401    9  846 2130 2256  103  187   13
    35  401  622  369 2271   27  464    1  336   15  161   70    9  563
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 9.8866045e-
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   -1.1714348e-01 -4.1609798e-02]
  [ 8.3091182e-01  5.3455211e-02 -0.0000000e+00 ... -3.1879917e-02
   -0.0000000e+00 -5.9047651e-01]
  [ 9.7524458e-01  0.0000000e+00 -2.8996557e-01 ... -1.7715687e-02
   -0.0000000e+00 -8.8044924e-01]
  ...
  [-0.0000000e+00  3.7586492e-01 -1.0184567e-09 ...  0.0000000e+00
   -1.0000000e+00  9.7667390e-01]
  [-0.0000000e+00  3.7597036e-01 -4.6505377e-10 ...  0.0000000e+00
   -1.0000000e+00  9.7665775e-01]
  [-0.0000000e+00  3.7605399e-01 -2.1232005e-10 ...  0.0000000e+00
   -1.0000000e+00  9.7664618e-01]]]
sampled_token: good
sampled_token: coffee
sampled_token: end
Predicted summary:  good coffee


Review: used product previously mostly due hypoglycemia also good tasting swe
Original summary: mmmm
input_seq: [[   43     7  1566   752   493 12711    17     2   174  2468
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-2.6470188e-02
   -4.0216143e-03  3.2295860e-02]
  [ 2.3968522e-02 -1.0368526e-01  1.0211184e-01 ... -2.3213658e-01
   -4.0588170e-02  3.4073271e-02]
  [ 1.5345149e-01  2.5890307e-03  1.8420950e-01 ... -4.8349899e-01
   -1.5634701e-01 -1.6602714e-01]
  ...
  [-0.0000000e+00  6.9034493e-01  2.0535532e-21 ...  0.0000000e+00
   -4.8191801e-01  9.9930859e-01]
  [-0.0000000e+00  6.9052398e-01  9.1094143e-22 ...  0.0000000e+00
   -4.8191801e-01  9.9931568e-01]
  [-0.0000000e+00  6.9069469e-01  4.0431608e-22 ...  0.0000000e+00
   -4.8191801e-01  9.9932247e-01]]]
sampled_token: good
sampled_token: product
sampled_token: end
Predicted summary:  good product


Review: love product order much less buying local grocery store
Original summary: yummy
input_seq: [[ 11   7  60  15  87 121 138 196  55   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[-1.0335382e-01 -7.0465475e-02
    2.0938370e-01  9.4334736e-02]
  [-2.3965186e-02 -1.2421138e-01 -1.9879983e-01 ...  3.8977776e-02
    3.2080376e-01  9.2129707e-02]
  [ 1.0445409e-02 -8.6209051e-02 -1.9434933e-01 ... -1.7047258e-01
    2.9545650e-01  7.6249979e-02]
  ...
  [-0.0000000e+00  8.6085409e-01  7.0416945e-19 ...  0.0000000e+00
```

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  [-0.0000000e+00  8.6085409e-01 -7.0416945e-19 ...  0.0000000e+00
    9.9291313e-01  9.9352241e-01]
  [-0.0000000e+00  8.6082709e-01 -3.5782815e-19 ...  0.0000000e+00
    9.9291313e-01  9.9352396e-01]
  [-0.0000000e+00  8.6080062e-01 -1.8183352e-19 ...  0.0000000e+00
    9.9291313e-01  9.9352539e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: course know delicious ghirardelli chocolate unfortunately purchased t
Original summary: great chocolate
input_seq: [[ 469   64   63 3667   28  491  180   49  372  154  400   41  138
   182   22 3640 1309    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 4.37393188e
   -7.97368661e-02 -6.58766776e-02]
  [ 1.55694932e-01  2.57655624e-02 -2.47173205e-01 ...  1.01097338e-01
   -1.81084692e-01  3.81527580e-02]
  [-6.12736121e-02 -3.11961095e-03 -4.15331244e-01 ...  1.75091878e-01
   -4.91975471e-02  7.28149191e-02]
  ...
  [-0.00000000e+00  6.83917642e-01 -1.21051085e-23 ...  0.00000000e+00
    3.82906705e-01  9.82725263e-01]
  [-0.00000000e+00  6.83919668e-01 -4.67594146e-24 ...  0.00000000e+00
    3.82906705e-01  9.82723176e-01]
  [-0.00000000e+00  6.83924854e-01 -1.80647609e-24 ...  0.00000000e+00
    3.82906705e-01  9.82723236e-01]]]
sampled_token: chocolate
sampled_token: covered
sampled_token: end
Predicted summary:  chocolate covered


Review: case holds lot still fold well great function looks nice magnet works
Original summary: great function and looks great too
input_seq: [[  227  1722    77    58  5370    27     6  3693   464    61 1742
     27   103  2646   796     7   189   240  1236 11272     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0]], e_out: [[[-1.1686562e-01
    1.3493158e-01  1.3262974e-01]
  [-1.5279591e-01 -3.4047815e-01 -3.2490662e-01 ...  2.2719009e-02
    2.4431214e-01  1.9249864e-01]
  [-2.3454291e-01 -1.4767991e-01 -3.8070333e-01 ...  1.6712983e-01
    1.8161893e-01  6.7412384e-02]
  ...
  [-0.0000000e+00  6.2689364e-01 -9.9398733e-23 ...  0.0000000e+00
    8.5664624e-01  9.7688991e-01]
  [-0.0000000e+00  6.2715203e-01 -3.6248493e-23 ...  0.0000000e+00
    8.5664624e-01  9.7692633e-01]
  [-0.0000000e+00  6.2741232e-01 -1.3228250e-23 ...  0.0000000e+00
    8.5664624e-01  9.7697026e-01]]]
```

```
    8.5004024e-01  9.7097026e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: bag bag misleading product thought buying bags happy gone local dolla
Original summary: not oz this is oz bag
input_seq: [[  38   38 2094    7  123  121  154  142  532  138 1068  176   38
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-8.2791820e-
   -2.3636397e-02 -3.2165870e-02]
  [-8.0895036e-02  2.5657043e-01 -1.5561166e-01 ... -3.5023507e-01
   -7.5997479e-02  2.1163179e-02]
  [ 1.8914627e-02  3.2658455e-01 -1.6681178e-01 ... -4.8802513e-01
   -3.4268564e-01  2.7985634e-02]
  ...
  [-0.0000000e+00  8.0560088e-01 -4.6373341e-21 ...  0.0000000e+00
    9.9799722e-01  9.9187887e-01]
  [-0.0000000e+00  8.0560470e-01 -2.1248428e-21 ...  0.0000000e+00
    9.9799722e-01  9.9188215e-01]
  [-0.0000000e+00  8.0561215e-01 -9.7367327e-22 ...  0.0000000e+00
    9.9799722e-01  9.9188590e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great


Review: border collie husky years old love dearly sweet disposition keep zuke
Original summary: zukes
input_seq: [[ 3317  3578  3813    94    98    11 11274    42 19398   103  228
   1471 15212   920  1105   920 46365  3819  1681  3664   763    13     4
     75    79 14063 18213     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0]], e_out: [[[-9.02780667e-0
    1.82416663e-01  2.26024300e-01]
  [-2.87543833e-01 -4.40395594e-01 -3.26823056e-01 ...  1.04080215e-02
    3.46278399e-01  5.52944183e-01]
  [-4.48625267e-01 -9.20541346e-01 -2.92378724e-01 ...  0.00000000e+00
    2.87809491e-01  8.68190169e-01]
  ...
  [-0.00000000e+00  6.78312838e-01 -2.05325931e-17 ...  0.00000000e+00
    1.00000000e+00  9.63582754e-01]
  [-0.00000000e+00  6.78332984e-01 -8.95277677e-18 ...  0.00000000e+00
    1.00000000e+00  9.63646472e-01]
  [-0.00000000e+00  6.78354502e-01 -3.90405137e-18 ...  0.00000000e+00
    1.00000000e+00  9.63707089e-01]]]
sampled_token: my
sampled_token: dogs
sampled_token: love
```

```
sampled_token: love
sampled_token: these
sampled_token: end
Predicted summary:  my dogs love these


Review: gold kili ginger lemon beverage mix quite strong entire packet used n
Original summary: strong ginger flavor recommended served hot
input_seq: [[ 1054  2761   242   335   606    62   149   109   631   475    4
    881    39    82   182  1339  1090   705    72   242  2293  5712  1014
    335   236    34    25    44    71   230  2660  1193    41   898  2062
   1315   543    56    25   341  2623     2    14  1922  3446  3498   182
   1339    61   714   242   606   290  3199  2812  1193    54    19    15
    341    35   307 10734  5147     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 2.37025440e-0
   -1.15534298e-01 -4.74453755e-02]
  [ 7.69168496e-01  3.21270665e-03  0.00000000e+00 ... -1.23329557e-01
   -0.00000000e+00 -2.96791762e-01]
  [ 8.24181736e-01  0.00000000e+00  0.00000000e+00 ...  5.70386231e-01
   -0.00000000e+00 -0.00000000e+00]
  ...
  [-3.14925015e-02 -4.86939885e-02  2.97687966e-02 ...  3.70224575e-06
   -6.41952232e-02  9.80238259e-01]
  [-0.00000000e+00  1.57256871e-01  1.33302100e-02 ...  4.99410930e-07
   -6.41952232e-02  9.79663372e-01]
  [-0.00000000e+00  2.69358814e-01  5.74652245e-03 ...  6.48351275e-08
   -6.41952232e-02  9.78192449e-01]]]
sampled_token: not
sampled_token: for
sampled_token: me
sampled_token: end
Predicted summary:  not for me


Review: way expensive many options even expensive buy purity products bad cha
Original summary:
input_seq: [[  48  201   66 1258   30  201   21 7383  106  107 2056   15    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 5.8378145e-
   -2.2335438e-02  4.7234312e-02]
  [ 3.7706055e-02  8.4764976e-03 -2.7785942e-01 ...  1.0366373e-01
   -3.7679940e-02  2.0261635e-01]
  [-6.5379970e-02  8.0057345e-02 -3.9399341e-01 ...  1.4336269e-01
   -2.7537921e-02  3.4608674e-01]
  ...
  [-0.0000000e+00  7.4158674e-01 -3.6142668e-22 ...  0.0000000e+00
   -7.9429424e-01  9.9174577e-01]
  [-0.0000000e+00  7.4156886e-01 -1.5582770e-22 ...  0.0000000e+00
   -7.9429424e-01  9.9174321e-01]
  [-0.0000000e+00  7.4155205e-01 -6.7185125e-23 ...  0.0000000e+00
   -7.9429424e-01  9.9174088e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
```

```
Predicted summary:  good but not great


Review: pop corn good every kernel popped good taste would like see pound bag
Original summary: good corn
input_seq: [[ 534  268    2   76 3570 1229    2    3    5    1  126  485   38
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.1659203e-
    3.2299463e-02 -3.6455625e-01]
  [-1.4847533e-01  5.0264442e-01 -4.5887652e-01 ...  6.9077730e-01
    1.0218434e-01 -1.6273350e-01]
  [-2.0999730e-01  5.4729706e-01 -8.2868499e-01 ...  9.6259922e-01
   -7.3444127e-04  4.3684974e-02]
  ...
  [-0.0000000e+00  5.8396637e-01 -2.1246897e-22 ...  0.0000000e+00
   -9.5956516e-01  9.8450184e-01]
  [-0.0000000e+00  5.8422250e-01 -8.9866933e-23 ...  0.0000000e+00
   -9.5956516e-01  9.8456752e-01]
  [-0.0000000e+00  5.8448178e-01 -3.8042069e-23 ...  0.0000000e+00
   -9.5956516e-01  9.8463446e-01]]]
sampled_token: yummy
sampled_token: end
Predicted summary:  yummy


Review: great buy never item bought circus party twins everyone loved good sw
Original summary: yummy
input_seq: [[   6   21   73  243   46 8874 1088 4269  352  203    2   42   97
   318  152    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.4182791e-
    2.1750179e-01  1.6637650e-01]
  [-1.1158449e-01  7.4970610e-02 -2.9426157e-01 ...  2.7038538e-01
    4.0354708e-01  2.0069109e-01]
  [-8.6235702e-02  2.4804065e-01 -3.3646163e-01 ...  4.5386270e-01
    5.4165733e-01  2.6135996e-01]
  ...
  [-0.0000000e+00  7.8014314e-01 -2.2105982e-20 ...  0.0000000e+00
    9.9948984e-01  9.7952622e-01]
  [-0.0000000e+00  7.8013104e-01 -1.0149456e-20 ...  0.0000000e+00
    9.9948984e-01  9.7952831e-01]
  [-0.0000000e+00  7.8012025e-01 -4.6598602e-21 ...  0.0000000e+00
    9.9948984e-01  9.7953016e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: joys coconut cream filled eggs around easter time expecting real coco
Original summary: refreshing and more beneficial than regular water
input_seq: [[12777   206   294   991   899   179  4281    18   742   167   20
     42  4439     3    14   301  1489    11   206   139   206  1198   206
```

```
      40  1938   206   222   523   130   286   206   214    17     3   108
     462  8479   305   167   206   252    40   809    17   544   216   280
     292   106    44  7788     5  1789    57   244    17  1006   259     7
      83    58    77    31   303    59  1938  1766   206   214  5456    16
      80  2341   179    35  2294  2679   668   205]], e_out: [[[-0.10379436  0
   -0.05971351]
  [ 0.13250585  0.01859752  0.         ... -0.14101201 -0.06248298
   -0.02265821]
  [ 0.6576344   0.          0.07924496 ... -0.62890977 -0.00571616
   -0.        ]
  ...
  [ 0.88472277  0.16294381 -0.6124477  ...  0.21753469  0.20108674
   -0.9988053 ]
  [ 0.25260735 -0.02922566 -0.64754677 ...  0.06884433  0.44669273
   -0.99238706]
  [-0.41911545 -0.28530866 -0.57723033 ...  0.04209302  0.6315796
   -0.9788575 ]]]
sampled_token: great
sampled_token: tasting
sampled_token: product
sampled_token: end
Predicted summary:  great tasting product


Review: reviewer must bad mood feeling bit fine meal keeps going hungry conve
Original summary: and tasty simple meal easy to prepare and serve
input_seq: [[  842   321   107  2181   697    53   235   237   662   146  109
   6226   272    82   405  2484  4177   248    33    82   405  1186   662
    293    94   920  1464   108  7535   305   520   465    77   131   145
    291   430    41   110    77   131   276 21015  6754   610   254     1
   7805   235     8   158   465   238  1344   398    27  4649  6754  1520
    864  1096   350     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.42850488e-0
   2.18494460e-01  1.86847955e-01]
  [-9.58659425e-02 -3.70082438e-01 -2.55755931e-01 ...  4.81220707e-03
   3.93825024e-01  1.04325481e-01]
  [ 2.29874328e-02 -7.63459131e-02 -8.74254033e-02 ... -1.51799440e-01
   3.47551797e-03 -1.00080445e-01]
  ...
  [-0.00000000e+00  5.39737225e-01 -4.80820563e-06 ...  0.00000000e+00
   7.46605337e-01  9.79975998e-01]
  [-0.00000000e+00  5.38661838e-01 -1.51188760e-06 ...  0.00000000e+00
   7.46605337e-01  9.79655802e-01]
  [-0.00000000e+00  5.37960649e-01 -4.75114803e-07 ...  0.00000000e+00
   7.46605337e-01  9.79489982e-01]]]
sampled_token: not
sampled_token: for
sampled_token: me
sampled_token: end
Predicted summary:  not for me


Review: dog issues bowel movements fed rice chicken yogurt nothing helping re
Original summary: thank goodness for pumpkin
input_seq: [[  23  596 3343 4820 1159  159  125  708  238 1845 1242 1079 4820
   611   84  290    6  104  434   80    7 2334   65  290  905  293 1710
    12   56   14 1050   17   13 3721  153   91  611    7  285    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

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      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0]], e_out: [[[-3.1693596e-
    1.8253089e-01  3.0719218e-01]
  [-5.0791574e-01 -9.2792124e-01 -1.0612678e-01 ...  0.0000000e+00
    1.9540427e-02  7.4033689e-01]
  [-6.6458839e-01 -9.6856403e-01 -5.6095701e-02 ...  0.0000000e+00
    0.0000000e+00  8.8395804e-01]
  ...
  [-0.0000000e+00  4.7236481e-01 -7.5441833e-18 ...  0.0000000e+00
    9.9498695e-01  9.8894012e-01]
  [-0.0000000e+00  4.7226062e-01 -2.1198455e-18 ...  0.0000000e+00
    9.9498695e-01  9.8891211e-01]
  [-0.0000000e+00  4.7217426e-01 -5.9564428e-19 ...  0.0000000e+00
    9.9498695e-01  9.8888391e-01]]]
sampled_token: great
sampled_token: food
sampled_token: end
Predicted summary:  great food


Review: decided give try little nervous flavor normally chocolate oatmeal rai
Original summary: good flavor
input_seq: [[ 288   57   32   19 2979    8  632   28  468 1832    6  233 1157
    45   97 2288   18  295   68   69 1253   33 3151  932    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.2114281e-
   -1.3003704e-01  1.9614494e-03]
  [ 2.5906041e-01 -5.0025575e-02 -1.3474908e-01 ...  8.5802361e-02
   -1.0834404e-01  1.5011524e-01]
  [ 1.1398917e-01 -1.2664117e-01 -2.4517900e-01 ...  1.2166390e-01
   -9.2874654e-02  1.1073795e-02]
  ...
  [-0.0000000e+00  5.9035665e-01 -5.7521321e-15 ...  6.2096655e-34
    9.9938065e-01  9.7842199e-01]
  [-0.0000000e+00  5.9044629e-01 -2.7522095e-15 ...  1.1532277e-34
    9.9938065e-01  9.7839922e-01]
  [-0.0000000e+00  5.9051877e-01 -1.3170128e-15 ...  2.1419954e-35
    9.9938065e-01  9.7837943e-01]]]
sampled_token: yummy
sampled_token: end
Predicted summary:  yummy


Review: baby spit alot since day one trying couple different kinds formula ev
Original summary: it really works
input_seq: [[ 328 2187 1184   51   56    4  187  293   99  992  505   30  271
   459   50 9422 5355  301  938   82  199 1462   30  113 9000 5763   76
  1443   32  100 2758  126  328 1342 2327   76   18 1681 6223  100   81
   159 2200  290    2  201    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-2.5801727e-
    2.7212581e-01  2.9064482e-01]
  [-3.0580264e-01 -9.3526459e-01 -3.6915931e-01 ... -1.2921908e-01
    4.6384797e-01  5.1862383e-01]
  [-2.8336197e-01 -9.8453248e-01 -3.6522207e-01 ... -8.2124233e-02
    4.4046429e-01 -2.9116958e-01]
```

```
  ...
  [-0.0000000e+00  5.3791678e-01 -4.0658835e-15 ...  0.0000000e+00
    6.1094874e-01  9.5673984e-01]
  [-0.0000000e+00  5.3754246e-01 -1.3201897e-15 ...  0.0000000e+00
    6.1094874e-01  9.5676732e-01]
  [-0.0000000e+00  5.3722727e-01 -4.2890276e-16 ...  0.0000000e+00
    6.1094874e-01  9.5682055e-01]]]
sampled_token: great
sampled_token: for
sampled_token: babies
sampled_token: with
sampled_token: allergies
sampled_token: end
Predicted summary:  great for babies with allergies


Review: took one sip promptly dumped sink would rather heartburn without drin
Original summary: yuck
input_seq: [[ 310    4 1103 1615 3456 3393    5  319 2463   78   35  257    9
  1099   14    2  147  837  548    3 1932  160  765    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 3.8511992e-
    7.4399427e-02  7.8811869e-02]
  [ 4.5905504e-02 -1.3147604e-01 -2.1990390e-01 ...  7.6311849e-02
    5.6255668e-02  2.8150868e-02]
  [ 3.3114627e-01  8.0774426e-02 -4.2661473e-02 ...  1.5418266e-01
   -6.6839047e-02 -3.6772731e-01]
  ...
  [-0.0000000e+00  5.9458232e-01 -1.2844303e-18 ...  0.0000000e+00
   -9.9999988e-01  9.8870337e-01]
  [-0.0000000e+00  5.9639603e-01 -4.7110841e-19 ...  0.0000000e+00
   -9.9999988e-01  9.8878324e-01]
  [-0.0000000e+00  5.9748471e-01 -1.7271856e-19 ...  0.0000000e+00
   -9.9999988e-01  9.8883694e-01]]]
sampled_token: not
sampled_token: for
sampled_token: me
sampled_token: end
Predicted summary:  not for me


Review: want start review stating perfect balance juice carbonated drink ever
Original summary: great surprise
input_seq: [[   68   454   249  3927    97   756   192   826    35   105   20
      2   384    11   826   327     1    89   506  5544  3363  1814   168
   1982    82  2025   395  1559   264   192   826    78   183    36  1072
    268   269   456  1643   133    13    78    64   252   167   395   192
     17  2695   330   191    15   657     5  3549  2108   671    87   165
   2562  1609     7 12551    50    53   913   419  2858  4027  9222    97
     35     4   373  1027   642   767     0     0]], e_out: [[[ 0.00937138  0
   -0.0435223 ]
  [ 0.22457854  0.06099077 -0.15927438 ...  0.17894292 -0.08084212
    0.00992285]
  [ 0.5144142   0.         -0.4028917  ...  0.23175338 -0.07614239
    0.1242324 ]
  ...
```

```
  [-0.21684676 -0.16314252 -0.5528714  ...  0.02377777 -0.40411875
   -0.3878937 ]
  [-0.32278553 -0.3275984  -0.5360156  ...  0.00776321 -0.46058902
   -0.46603572]
  [-0.3974161  -0.44152915 -0.5400808  ...  0.00285856 -0.58307594
   -0.57918394]]]
sampled_token: tastes
sampled_token: like
sampled_token: carbonated
sampled_token: juice
sampled_token: end
Predicted summary:  tastes like carbonated juice


Review: say golden cocker love treats great dogs like cocker allergy issues n
Original summary: great dog treat quality and condition when received questio
input_seq: [[  83 1321 3768   11   75    6   65    1 3768 1351  596  113  715
    12   46 2240   23   55   75  283 1079  271   67   16  661   75 1718
    66 8406  526   30 5838  263  182   38   66   75 2601  629  240  483
  2905   86    6   75   65 2032 1669    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-2.3335822e-
    3.5968732e-02  4.4831853e-02]
  [-1.7988113e-01 -3.1974527e-01 -3.0316845e-01 ...  3.8243487e-02
    2.7304393e-01  2.9409614e-01]
  [-3.2054809e-01 -9.0199733e-01 -2.4414794e-01 ...  0.0000000e+00
    3.0690935e-01  5.9334153e-01]
  ...
  [-0.0000000e+00  6.4342445e-01 -1.5858016e-10 ...  0.0000000e+00
    1.0000000e+00  9.6022528e-01]
  [-0.0000000e+00  6.4310819e-01 -6.9132561e-11 ...  0.0000000e+00
    1.0000000e+00  9.6051371e-01]
  [-0.0000000e+00  6.4478505e-01 -3.0198583e-11 ...  0.0000000e+00
    1.0000000e+00  9.6069062e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: these
sampled_token: end
Predicted summary:  my dog loves these


Review: newman favorite brand try products however one failure bar bland gues
Original summary: not up to newman standards
input_seq: [[ 570   70   81   32  106   93    4 3328  185  685  415  371   90
    28  164 1205 2564  118   29 1205   28  185   68  650    5   24   13
   476   68   28  650   30  541 8109  185 3543   90  103  136    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.0513112e-
    1.9638294e-02  9.8019749e-02]
  [ 4.5760244e-02  1.6818762e-01 -3.3051553e-01 ...  7.9029553e-02
    1.6803659e-01  3.0413127e-01]
  [ 2.9247874e-01  4.2730112e-02 -4.2109966e-01 ...  8.2904600e-02
    1.8282308e-01  3.9833847e-01]
  ...
  [-0.0000000e+00  5.0576192e-01 -5.0101425e-12 ...  3.1092951e-27
   -9.7767556e-01  9.7399485e-01]
  [-0.0000000e+00  5.0747550e-01 -2.0858143e-12 ...  4.6673856e-28
```

```
  [-0.0000000e+00  5.0747550e-01 -2.0858142e-12 ...  4.6672856e-28
   -9.7767556e-01  9.7383457e-01]
  [-0.0000000e+00  5.0831407e-01 -8.6863400e-13 ...  7.0142712e-29
   -9.7767556e-01  9.7374833e-01]]]
sampled_token: chocolate
sampled_token: bar
sampled_token: end
Predicted summary:  chocolate bar


Review: tastes really bad strong chemical taste zero grams sugar still produc
Original summary: really tastes bad
input_seq: [[   54    14   107   109  1009     3  1219   573    36    58   10
     42  1529  1254  4133   450  2510   460 42295   697   293  1282     4
   2231    17   307 13228   110    12  5527    51    16  3412   830   196
    601  1950     7     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 2.25623533e-0
   -1.15278125e-01 -6.11421615e-02]
  [ 4.75362480e-01 -7.94926658e-03  6.50887340e-02 ...  1.30349219e-01
   -1.42766967e-01 -2.33958624e-02]
  [ 7.50298321e-01 -0.00000000e+00  7.71896690e-02 ...  3.07751726e-02
   -1.13329768e-01 -1.95350330e-02]
  ...
  [-0.00000000e+00  5.72462082e-01 -1.75686756e-15 ...  0.00000000e+00
    9.95043874e-01  9.87875998e-01]
  [-0.00000000e+00  5.72423041e-01 -5.90620033e-16 ...  0.00000000e+00
    9.95043874e-01  9.87735987e-01]
  [-0.00000000e+00  5.72263420e-01 -1.98522632e-16 ...  0.00000000e+00
    9.95043874e-01  9.87632453e-01]]]
sampled_token: tastes
sampled_token: like
sampled_token: medicine
sampled_token: end
Predicted summary:  tastes like medicine


Review: earth best supposed one best baby foods apparently son palate food ma
Original summary: not look appetizing and baby would not eat it
input_seq: [[ 976   24  792    4   24  328  173 1265  358 2000   12  265    1
    84  632  638  171 6611   12 2953 1279  293 1282    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-2.2977932e-
    2.0667751e-01  2.2553521e-01]
  [-1.4927365e-01 -8.8607413e-01 -2.7652723e-01 ...  2.7701551e-02
    3.0761960e-01  1.4321743e-01]
  [-1.2821007e-01 -8.9812076e-01 -2.0078024e-01 ...  1.6286466e-01
    1.7525630e-02 -3.0957782e-01]
  ...
  [-0.0000000e+00  5.5403668e-01 -3.1063998e-23 ...  0.0000000e+00
    5.6929314e-01  9.7721386e-01]
  [-0.0000000e+00  5.5387253e-01 -1.1147729e-23 ...  0.0000000e+00
    5.6929314e-01  9.7722101e-01]
  [-0.0000000e+00  5.5372739e-01 -4.0012993e-24 ...  0.0000000e+00
    5.6929314e-01  9.7722727e-01]]]
sampled_token: not
```

```
sampled_token: not
sampled_token: for
sampled_token: baby
sampled_token: end
Predicted summary:  not for baby


Review: beneful product even real meat products stuff leftover actual meat ha
Original summary: false advertising terrible dog food
input_seq: [[ 4123     7    30   167   326   106    84  2596   862   326  507
   9443   125  2643 10802    30   125  2195     5    59     7   332   413
    105   275   781    23    12    52   396  3374   789   188   874   326
     38  2128   259  1449     7  2094  1906  3684  2792    59   688   135
    199  4123  1614   106   619    23    12   921   127   814    34    89
     26   104    34   234   649    89     5    33    64   240   212    21
   1468   133    91   173   609  1333  4229  1232]], e_out: [[[ 0.1116885  -0
    0.05992528]
  [ 0.26134112 -0.32704458 -0.07753726 ... -0.24748835  0.08253683
   -0.11444956]
  [ 0.5921757  -0.36066937 -0.19005086 ... -0.21140283 -0.08597424
   -0.53505105]
  ...
  [-0.14473996  0.51235545 -0.01964502 ...  0.315622    0.
   -0.9873611 ]
  [-0.07603654  0.72990113  0.09410053 ...  0.37492004  0.15782814
   -0.81752926]
  [-0.12191062 -0.17259242  0.3453002  ...  0.25664112  0.76669276
   -0.44803083]]]
sampled_token: not
sampled_token: impressed
sampled_token: end
Predicted summary:  not impressed


Review: care natural fried taste odd texture like packing material
Original summary: naturally nasty
input_seq: [[ 443  133 1383    3 1228  158    1 1655 2279    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.77711358e
    4.08805273e-02  8.92916471e-02]
  [ 2.18124017e-01 -2.44030040e-02  4.43303846e-02 ... -1.48253860e-02
   -8.93541500e-02 -1.13786936e-01]
  [ 5.85050955e-02 -2.59155110e-02  1.05946913e-01 ... -3.38169962e-01
   -1.43427297e-01 -1.84475705e-01]
  ...
  [-0.00000000e+00  7.09916532e-01  2.59602149e-23 ...  0.00000000e+00
   -8.03349376e-01  9.95551407e-01]
  [-0.00000000e+00  7.09914923e-01  1.07514113e-23 ...  0.00000000e+00
   -8.03349376e-01  9.95551288e-01]
  [-0.00000000e+00  7.09913552e-01  4.45265793e-24 ...  0.00000000e+00
   -8.03349376e-01  9.95551288e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad
```

```
Review: love french vanilla coffee gives day great start easy use one cup tim
Original summary: delicious
input_seq: [[ 11 429 331   9 536  56   6 454  96  20   4  39  18 618   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[-1.0335382e-01 -7.0465475e-02
    2.0938370e-01  9.4334736e-02]
  [ 2.9725198e-02  1.8614410e-01 -1.8010819e-01 ...  9.0294123e-02
    2.1654241e-01 -1.8570358e-01]
  [ 4.9452218e-01  1.1667845e-02 -3.9069316e-01 ...  7.9535149e-02
    8.3226338e-02  7.6443419e-02]
  ...
  [-0.0000000e+00  5.6804001e-01 -2.5461518e-20 ...  0.0000000e+00
   -7.2941148e-01  9.7477013e-01]
  [-0.0000000e+00  5.6789821e-01 -1.1343660e-20 ...  0.0000000e+00
   -7.2941148e-01  9.7478199e-01]
  [-0.0000000e+00  5.6775844e-01 -5.0539172e-21 ...  0.0000000e+00
   -7.2941148e-01  9.7479361e-01]]]
sampled_token: great
sampled_token: coffee
sampled_token: end
Predicted summary:  great coffee


Review: tase good bold prefer love strong coffee reason cannot give stars thr
Original summary: wish had reviews having problems with this
input_seq: [[14361     2   401   285    11   109     9   413    52    57   24
    280   837   219   214    49   280     9   284   837   361   809   999
     39   630   531   216   824    39   618    39  7729  1211   373    39
     46  1977   653  1291   403    66 11654     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.32193640e-0
    1.20353371e-01  1.35317877e-01]
  [-1.43764868e-01 -3.55363309e-01 -1.79936290e-01 ... -1.37473002e-01
    4.95641259e-03 -3.67063582e-02]
  [ 9.68004297e-03  2.34710395e-01 -1.14338435e-01 ... -4.48160172e-02
   -1.61447674e-01 -6.56946719e-01]
  ...
  [-0.00000000e+00  6.02684140e-01 -8.25601414e-13 ... -3.36017413e-35
   -9.99998569e-01  9.65859354e-01]
  [-0.00000000e+00  6.04898989e-01 -3.15873060e-13 ... -3.19174231e-36
   -9.99998569e-01  9.65590715e-01]
  [-0.00000000e+00  6.06134415e-01 -1.20687599e-13 ... -3.07867829e-37
   -9.99998569e-01  9.65407968e-01]]]
sampled_token: great
sampled_token: cup
sampled_token: of
sampled_token: coffee
sampled_token: end
Predicted summary:  great cup of coffee


Review: great dog food year old lab healthier weight year also wanna get grap
Original summary: good but why is it going up in price
input_seq: [[    6    23    12   172    98  1086   553   355   172    17   588
```

```
input_seq: [[    0    25    12   172    98  1000   333   333   172    17   300
  11564  4576  3947  5308    31   196    55    12    43    57   146    22
    121    16  1063   306  1495  4734  3390  3666   536   211   454   121
   3967  5510    55  1932   338   184    23    12   661   804   129   423
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.4182791e-01
    2.1750179e-01  1.6637650e-01]
  [-3.0336744e-01 -6.9329309e-01 -1.9860332e-01 ...  1.7165763e-02
    3.5890323e-01  4.3723005e-01]
  [-5.2975780e-01 -9.5598823e-01 -2.1742332e-01 ...  0.0000000e+00
    1.3538024e-01  7.0980763e-01]
  ...
  [-0.0000000e+00  5.7275140e-01 -1.0771095e-13 ...  0.0000000e+00
    9.9973917e-01  9.7635514e-01]
  [-0.0000000e+00  5.6941396e-01 -3.4379973e-14 ...  0.0000000e+00
    9.9973917e-01  9.7633308e-01]
  [-0.0000000e+00  5.6814611e-01 -1.0977173e-14 ...  0.0000000e+00
    9.9973917e-01  9.7633034e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: it
sampled_token: end
Predicted summary:  my dog loves it


Review: although orange pekoe refers grade tea size broken leaf particles nor
Original summary: alas not good
input_seq: [[  320   395  7344  7414  1029    10   130   629   954  4781  326
    970   123  5895   445   395   445    10  1108 10780    10    10   321
     14  7206   311   395   445  1554  5796   314  3192    19  1022    73
    500   964    10  3655   314  1660   822  1012  8656    25  4008  4008
   7449    30  4966  3118    40   238  1050  3655   314   160   717  3750
    415   127  7206   107  2116     3     2   104    13    77    10   641
     35   188    39    49   272     1     3  8656]], e_out: [[[ 1.4940428e-02
   -2.4866301e-03  4.4414099e-02]
  [ 2.7181873e-01  7.6367356e-02  1.3867748e-02 ...  9.3160287e-02
   -5.8124024e-02 -2.5369930e-01]
  [ 8.9993095e-01  0.0000000e+00  9.1974407e-02 ...  3.7355906e-01
   -0.0000000e+00 -1.0131843e-01]
  ...
  [-4.4458386e-01 -1.0937804e-01 -7.6293892e-01 ...  1.7574450e-04
   -3.8284320e-01  5.6099808e-01]
  [-3.5342103e-01 -1.3128592e-01 -5.1194686e-01 ...  8.0253347e-05
   -3.1626502e-01  1.3413230e-01]
  [-3.2436666e-01 -1.7185208e-01 -4.3344566e-01 ...  6.8147699e-03
   -3.5118511e-01 -6.6987038e-02]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: coffee tastes right cannot taste chocolate guess hoping mocha flavor
Original summary: no chocolate taste
input_seq: [[   9   54   82   52    3   28  415  763 1796    8    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0    0    0    0    0
      0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 7.1154499e-
   -0.0000000e+00 -6.5003490e-01]
  [ 9.5641524e-01  1.8133996e-02 -2.8381422e-01 ...  0.0000000e+00
   -0.0000000e+00 -9.2962062e-01]
  [ 9.9338633e-01  2.5272680e-02 -9.3018913e-01 ...  0.0000000e+00
   -0.0000000e+00 -5.3684354e-01]
  ...
  [-0.0000000e+00  5.2248460e-01 -3.0041818e-23 ...  0.0000000e+00
   -9.9995923e-01  9.8930323e-01]
  [-0.0000000e+00  5.2248943e-01 -1.1938012e-23 ...  0.0000000e+00
   -9.9995923e-01  9.8930681e-01]
  [-0.0000000e+00  5.2249414e-01 -4.7436687e-24 ...  0.0000000e+00
   -9.9995923e-01  9.8931044e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: great results recent cook organic extra virgin olive oil cold pressed
Original summary: the complete set
input_seq: [[    6   680  1601   402    91   279  2433   525   139   341  257
   2144  6892   487  4780   126   249  5020  4363    16   607    91  6892
   4780  6737   196  9756 10542 18008   288  4710  1323   106   399   135
   2054   143   301   136  3517   893  2603  6406    37    20   106   116
     59     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.4182791e-01
    2.1750179e-01  1.6637650e-01]
  [-1.8946993e-01 -2.7687758e-01 -3.6798054e-01 ...  1.9469060e-01
    4.3675303e-01  2.7023298e-01]
  [-2.4796709e-01 -7.7867508e-01 -4.4955981e-01 ...  2.2437964e-01
    4.9879605e-01  3.5031271e-01]
  ...
  [-0.0000000e+00  5.0069833e-01 -1.6371468e-12 ...  0.0000000e+00
   -2.5117403e-01  9.6301591e-01]
  [-0.0000000e+00  5.0022835e-01 -5.4409759e-13 ...  0.0000000e+00
   -2.5117403e-01  9.6306664e-01]
  [-0.0000000e+00  5.0011879e-01 -1.8090089e-13 ...  0.0000000e+00
   -2.5117403e-01  9.6308720e-01]]]
sampled_token: great
sampled_token: tasting
sampled_token: olive
sampled_token: oil
sampled_token: end
Predicted summary:  great tasting olive oil


Review: favorite mustard past years simply nothing like product outstanding h
Original summary:
input_seq: [[  70 1267  483   94  455  238    1    7 1459 5460 2237 1621  669
   497 5035  737 1267 1694  215  588 3518   26 1267   15 1762 2020  746
     8    1 1032 7829  455 1629   14   61 1355   11    7  292  198   15
   523 1026    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e out: [[[-9.5655002e-
```

```
    1.4913952e-01 -6.7552969e-02]
  [-1.8613949e-01  2.6739484e-01 -2.2336996e-01 ...  4.2556795e-01
    3.3142036e-01  6.7565449e-02]
  [-4.1605988e-01  3.0907065e-01 -1.4871672e-01 ...  8.3685410e-01
    4.1470969e-01  1.0618718e-01]
  ...
  [-0.0000000e+00  6.5145385e-01  8.9248253e-12 ...  0.0000000e+00
    9.9796587e-01  9.5643312e-01]
  [-0.0000000e+00  6.5211141e-01  3.5625116e-12 ...  0.0000000e+00
    9.9796587e-01  9.5690590e-01]
  [-0.0000000e+00  6.5387988e-01  1.4314659e-12 ...  0.0000000e+00
    9.9796587e-01  9.5749104e-01]]]
sampled_token: best
sampled_token: mustard
sampled_token: ever
sampled_token: end
Predicted summary:  best mustard ever


Review: fantastic product keeps fresh months bag desk opened packet resealed
Original summary: check out grandpa po products
input_seq: [[ 572    7  662  108  250   38 1911  375  475 9356    7   58  108
   457    7  308   71    8  373  122  197 1372  118   18  733  156  439
   156  494  449 5608  106  156  439  156  494   17    3    6    5  170
    59    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.00985564e
    2.23649874e-01 -5.72045380e-03]
  [-8.57857168e-02 -4.68377993e-02 -3.88801331e-03 ... -4.00134325e-01
    4.01037961e-01  1.09628607e-02]
  [-1.95672140e-01 -8.73087198e-02 -2.23739147e-01 ... -2.94323564e-01
    5.70122540e-01  2.15263456e-01]
  ...
  [-0.00000000e+00  6.72359526e-01  1.04278683e-08 ...  4.53840188e-36
    5.88158369e-01  9.46838140e-01]
  [-0.00000000e+00  6.74409330e-01  4.74856865e-09 ...  4.75479940e-37
    5.88158369e-01  9.47046697e-01]
  [-0.00000000e+00  6.75832808e-01  2.16530904e-09 ...  5.06511549e-38
    5.88158369e-01  9.47202325e-01]]]
sampled_token: great
sampled_token: for
sampled_token: the
sampled_token: price
sampled_token: end
Predicted summary:  great for the price


Review: love cocoa ones like little better sugar sucralose makes much better
Original summary: love these
input_seq: [[  11  371  271    1   19   31   36 1803   80   15   31    4   24
   220   33 1356  703 1303    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [-2.5932509e-02  4.1482538e-01 -0.0000000e+00 ...  3.4914854e-01
   -3.4738243e-02 -4.3873483e-01]
```

```
  [-2.2059578e-01  4.1263649e-01 -1.4842199e-01 ...  8.7562537e-01
   -3.0589038e-01 -5.4704374e-01]
  ...
  [-0.0000000e+00  4.0625930e-01  8.1602634e-20 ...  0.0000000e+00
   -9.0813637e-01  9.5966798e-01]
  [-0.0000000e+00  4.0641466e-01  3.4339014e-20 ...  0.0000000e+00
   -9.0813637e-01  9.5975590e-01]
  [-0.0000000e+00  4.0657967e-01  1.4458631e-20 ...  0.0000000e+00
   -9.0813637e-01  9.5984924e-01]]]
sampled_token: great
sampled_token: tasting
sampled_token: cocoa
sampled_token: end
Predicted summary:  great tasting cocoa


Review: big fan blue diamond brand almonds really like bold flavors habanero
Original summary: great flavor
input_seq: [[ 145  333  609 1703   81  471   14    1  401   72 2664 1024  929
    73  668 2185 4052    8  138  196   55  472   16  288   21  453   83
   261   82   70   72   90  497 2185    8   19   53 2086  163   15  497
  2664    8  107  127    1  308    5 7916   59    1  401  404  609 1703
   471    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-4.6319108e-
    1.2696499e-01  9.1565311e-02]
  [-6.5826643e-03  7.5759843e-02 -1.8444933e-01 ...  6.8054855e-02
    8.2077943e-02 -9.3203545e-02]
  [-4.8320610e-02  1.5791403e-02 -3.0154020e-01 ...  1.5156925e-01
    2.3905368e-01  5.1158637e-02]
  ...
  [-0.0000000e+00  3.6297658e-01  8.4569911e-04 ...  3.8846382e-20
   -9.9999779e-01  9.6977723e-01]
  [-0.0000000e+00  3.5954165e-01  3.5295915e-04 ...  3.2775115e-21
   -9.9999779e-01  9.7024155e-01]
  [-0.0000000e+00  3.5727504e-01  1.4566907e-04 ...  2.7830043e-22
   -9.9999779e-01  9.7070587e-01]]]
sampled_token: great
sampled_token: flavor
sampled_token: end
Predicted summary:  great flavor


Review: shortbread cookies delicious bought london summer hard find expensive
Original summary: shortbread cookies
input_seq: [[2471  178   63   46 4187  766  118   29  201 1203    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.60409210e
    3.39345746e-02 -1.00868866e-01]
  [-0.00000000e+00 -5.32856323e-02 -1.36462182e-01 ... -2.64276743e-01
    1.79432824e-01 -1.50801182e-01]
  [-0.00000000e+00 -5.57089448e-01 -3.14361691e-01 ... -2.57027596e-01
    4.81932312e-01 -1.38834283e-01]
  ...
  [-0.00000000e+00  7.96491742e-01 -1.07718762e-19 ...  0.00000000e+00
    9.31962132e-01  9.76887763e-01]
```

```
  [-0.00000000e+00  7.96521306e-01 -5.31413266e-20 ...  0.00000000e+00
    9.31962132e-01  9.76883888e-01]
  [-0.00000000e+00  7.96553671e-01 -2.62210535e-20 ...  0.00000000e+00
    9.31962132e-01  9.76879776e-01]]]
sampled_token: best
sampled_token: cookies
sampled_token: ever
sampled_token: end
Predicted summary:  best cookies ever


Review: running sources apricot syrup discovered one really good syrup contin
Original summary: apricot syrup
input_seq: [[ 956 2363 3580  269  700    4   14    2  269  577   60   47   61
     6    8    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-2.56040096e
    9.09865871e-02  1.20515980e-01]
  [-4.96122688e-02  1.43181756e-01 -3.94840777e-01 ...  1.09165944e-01
    2.82800168e-01  3.52313429e-01]
  [ 1.53350577e-01  1.25796527e-01 -1.84518665e-01 ...  9.67149436e-02
    1.01287872e-01  1.83566242e-01]
  ...
  [-0.00000000e+00  7.30466485e-01  1.95166939e-16 ...  0.00000000e+00
    9.76183712e-01  9.76262271e-01]
  [-0.00000000e+00  7.30458319e-01  9.67527487e-17 ...  0.00000000e+00
    9.76183712e-01  9.76263583e-01]
  [-0.00000000e+00  7.30451226e-01  4.79641075e-17 ...  0.00000000e+00
    9.76183712e-01  9.76264775e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: good made quicker meal family really liked good strong peanut flavor
Original summary: great meal starter
input_seq: [[   2   44 4008  237  197   14  246    2  109  287    8  239 2026
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-2.6852868e-
   -9.4500564e-02  8.6194044e-04]
  [-7.3583588e-02  1.5532937e-02 -4.1237518e-02 ... -2.8347108e-01
   -2.0073965e-01  4.3571848e-02]
  [-1.9824529e-02  1.9588701e-01  1.1417874e-02 ... -1.0314631e-01
   -1.9961739e-01 -5.8324464e-02]
  ...
  [-0.0000000e+00  5.5221033e-01 -4.9800677e-16 ...  0.0000000e+00
   -9.9280006e-01  9.9175459e-01]
  [-0.0000000e+00  5.5222267e-01 -2.5737311e-16 ...  0.0000000e+00
   -9.9280006e-01  9.9176389e-01]
  [-0.0000000e+00  5.5223197e-01 -1.3301984e-16 ...  0.0000000e+00
   -9.9280006e-01  9.9177206e-01]]]
sampled_token: good
```

```
sampled_token: flavor
sampled_token: end
Predicted summary:  good flavor


Review: truely enjoyed ive always enjoyed atomic bomb candy closest thing say
Original summary: amazing
input_seq: [[ 7507   373  2679    92   373 11309  4344   232  2046   127    8
     1  4760    53   145   291    14   542   103  2696  1023  4926  2962
   911  7393  6158  7938   122    77   238   533   860  2696   631    18
  8778     0     0     0     0     0     0     0     0     0     0     0
     0     0     0     0     0     0     0     0     0     0     0     0
     0     0     0     0     0     0     0     0     0     0     0     0
     0     0     0     0     0     0     0     0]], e_out: [[[ 1.91489592e-0
   -1.09868854e-01  1.45740127e-02]
  [ 3.22514951e-01  5.71534112e-02  1.79229468e-01 ... -2.59014070e-01
   -2.18609378e-01 -6.80046901e-02]
  [ 4.81699944e-01  2.85710972e-02 -6.50400817e-02 ... -1.89096841e-03
   -2.35654846e-01  4.92493063e-02]
  ...
  [-0.00000000e+00  4.90202546e-01 -7.05962956e-15 ...  4.15865479e-35
    8.27380657e-01  9.69538212e-01]
  [-0.00000000e+00  4.97672945e-01 -2.77114537e-15 ...  6.27531245e-36
    8.27380657e-01  9.69231725e-01]
  [-0.00000000e+00  5.03915846e-01 -1.09271041e-15 ...  9.50187799e-37
    8.27380657e-01  9.68918145e-01]]]
sampled_token: very
sampled_token: good
sampled_token: end
Predicted summary:  very good


Review: flavor good like fact sugar free box says giant smallest freezer pops
Original summary: giant
input_seq: [[   8    2    1  263   36   50   47  369 2528 2807 1273 1334  105
   182  130  610 1334    5    1   60   48  201   13    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.69734716e
   -1.28807187e-01 -1.14374585e-01]
  [ 4.56071854e-01  0.00000000e+00  1.58247247e-01 ... -2.45211214e-01
   -1.47124857e-01 -6.73383707e-03]
  [ 7.54803479e-01  0.00000000e+00  1.91700116e-01 ... -3.55323315e-01
   -2.23077219e-02  0.00000000e+00]
  ...
  [-0.00000000e+00  6.05300605e-01 -1.57609512e-21 ...  0.00000000e+00
   -7.88981616e-01  9.85765576e-01]
  [-0.00000000e+00  6.05280697e-01 -6.00160328e-22 ...  0.00000000e+00
   -7.88981616e-01  9.85763550e-01]
  [-0.00000000e+00  6.05264425e-01 -2.28540476e-22 ...  0.00000000e+00
   -7.88981616e-01  9.85762000e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great
```

```
Review: control without use second product perfume like smell many shampoos l
Original summary: simple shampoo that works well
input_seq: [[  915    78    20   351     7  4333     1   193    66  3015
    123     5   544  3646   365   779  3419   193    19     7   410   119
     48  5057   190  1411  3857   380    81    20  2080   426 10932  3443
    112  2115   451    89   674    17  1349     4   369  2115   674  1707
   1918    16   369   858     7    43   686   348   210   369    20   480
     43   480   135   453    20   251    49  3015   281   245    27     1
     53    31   190  1411  3857   380    81   235]], e_out: [[[-0.10227184  0
    0.02669836]
  [-0.1362811   0.0937177  -0.4257061  ...  0.19306716  0.37480012
    0.2912447 ]
  [-0.12576692  0.02225769 -0.61726123 ...  0.2833323   0.5042131
    0.3484682 ]
  ...
  [ 0.61425066 -0.20711932  0.         ...  0.25767067  0.00114422
   -0.37966117]
  [ 0.85451794 -0.17426153  0.05728281 ...  0.671817   -0.00574342
   -0.4824036 ]
  [ 0.87716293 -0.16532722  0.12285253 ...  0.81295216 -0.01085434
   -0.5898569 ]]]
sampled_token: works
sampled_token: well
sampled_token: end
Predicted summary:  works well


Review: tea okay hoped seems though low quality tea leaves used definite lack
Original summary: not what had hoped for
input_seq: [[  10  683 2057  222  115  156   86   10  567   43 2388 1331 2779
   394 1527   15  342   18  610    8 8656  214    5   14   59   81   11
   359   10    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 5.9956867e-
   -0.0000000e+00 -3.3973825e-01]
  [ 9.5807594e-01  0.0000000e+00  0.0000000e+00 ...  2.9640697e-02
   -0.0000000e+00 -3.6024916e-01]
  [ 9.9418765e-01  0.0000000e+00  0.0000000e+00 ...  1.9494501e-01
   -0.0000000e+00 -1.2650900e-01]
  ...
  [-0.0000000e+00  3.8835442e-01 -2.3630524e-17 ...  0.0000000e+00
   -9.9981773e-01  9.8057908e-01]
  [-0.0000000e+00  3.8890818e-01 -8.9706919e-18 ...  0.0000000e+00
   -9.9981773e-01  9.8053664e-01]
  [-0.0000000e+00  3.8943121e-01 -3.4082124e-18 ...  0.0000000e+00
   -9.9981773e-01  9.8048687e-01]]]
sampled_token: not
sampled_token: for
sampled_token: me
sampled_token: end
Predicted summary:  not for me


Review: gross like chomping chunk salt regret wasting money purchase future
Original summary: gross
input_seq: [[1330    1 8294 2914  131 2022 3314  245  175  767    0    0    0
```

```
input_seq: [[1330    1 8294 2914  131 2022 3514  245  175  767    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 3.06655765e
   -1.67513505e-01 -3.39639932e-02]
  [ 6.41969979e-01 -1.65613790e-04  1.22650445e-01 ... -5.36337614e-01
   -2.85371780e-01 -7.03324005e-02]
  [ 9.50097859e-01 -6.36116974e-03  2.77381212e-01 ... -5.51270664e-01
   -3.72407913e-01  9.50493664e-03]
  ...
  [-0.00000000e+00  7.44673193e-01  6.30435663e-21 ...  0.00000000e+00
   -2.44044438e-01  9.98460948e-01]
  [-0.00000000e+00  7.44635105e-01  2.81968968e-21 ...  0.00000000e+00
   -2.44044438e-01  9.98461246e-01]
  [-0.00000000e+00  7.44598567e-01  1.26108279e-21 ...  0.00000000e+00
   -2.44044438e-01  9.98461545e-01]]]
sampled_token: not
sampled_token: what
sampled_token: expected
sampled_token: end
Predicted summary:  not what expected


Review: chips natural feel somewhat unique taste good bad first comment packa
Original summary: interesting chip but maybe not the best for salsa
input_seq: [[  132   133   168   721   963     3     2   107    34  1580   25
     38    44  1448   583  1441     1  2279   861  3891  3240  1108  2019
    942  5606   132    38    61  1358    15    31   865   612   881   555
    154    29  1747  1367     3   132   129     2   246   525   773     8
    110    93  3984  1364   525     3  2392    27   211    31   429  1124
    555  1357   251    68   108    73   629  1992   132    33  1357   319
     27   136   555   416  1364   157    68  1511]], e_out: [[[-0.00000000e+0
   -1.74159631e-01 -3.74646306e-01]
  [-0.00000000e+00  7.12038934e-01  6.76613301e-02 ... -7.68141747e-01
   -5.29097259e-01 -2.28975147e-01]
  [-0.00000000e+00  8.96505296e-01  3.90696496e-01 ... -9.73257422e-01
   -7.77565360e-01 -8.32326934e-02]
  ...
  [-5.38859330e-02  9.99969721e-01  9.99387145e-01 ... -7.34304190e-01
   -4.23064947e-01 -9.84991789e-02]
  [-7.00889379e-02  9.99920189e-01  9.99650776e-01 ... -3.75671893e-01
   -4.05086130e-01 -8.19970518e-02]
  [-1.02247134e-01  9.98926699e-01  9.99731779e-01 ... -1.28815621e-01
   -3.98448378e-01 -1.14770032e-01]]]
sampled_token: the
sampled_token: best
sampled_token: chips
sampled_token: have
sampled_token: ever
sampled_token: had
sampled_token: end
Predicted summary:  the best chips have ever had


Review: love product wish available stores near found buffalo fire kind like
Original summary: wish they were closer
input_seq: [[  11    7  292  256  205  875   41 1333 3049  233    1   41  934
```

```
input_seq: [[  11    7  292  256  205  875   41 1353 3049  255    1   41  934
   329 2006  415  577  175    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [-2.3965186e-02 -1.2421138e-01 -1.9879983e-01 ...  3.8977776e-02
    3.2080376e-01  9.2129707e-02]
  [-4.5053777e-03 -5.1529709e-02 -1.5469138e-01 ... -2.6464391e-02
    2.6444295e-01  1.3492280e-02]
  ...
  [-0.0000000e+00  7.8483677e-01  5.1248521e-15 ...  0.0000000e+00
   -9.1028601e-01  9.7882795e-01]
  [-0.0000000e+00  7.8496552e-01  2.5526894e-15 ...  0.0000000e+00
   -9.1028601e-01  9.7887617e-01]
  [-0.0000000e+00  7.8510332e-01  1.2719875e-15 ...  0.0000000e+00
   -9.1028601e-01  9.7892642e-01]]]
sampled_token: great
sampled_token: jerky
sampled_token: end
Predicted summary:  great jerky


Review: coffee make point drinking gourmet coffee either coffee claims answer
Original summary: be god sent or depending on who you are
input_seq: [[    9    26   576   252   863     9   273     9  1677  1983   55
    866   126     3   156  2144   857  1313  3140  3960 16500   458     2
   5983     3   149 11965    30   115    35   156   508     9    37    35
      9   480    37   549   345 10080   578   863     9   846   189   261
      4   142   298   215   496  1027   142     4    35  2240   214     9
   7072    30   814   121     4   484    22  3218   527   233    22   248
    404   863     9   814   114   345   233     7]], e_out: [[[ 0.711545    0
   -0.6500349 ]
  [ 0.9562137   0.05129093 -0.33950636 ...  0.         -0.
   -0.88835233]
  [ 0.9931096   0.06938183 -0.91318774 ...  0.         -0.
   -0.33647868]
  ...
  [-0.12633605  0.50176877 -0.76272494 ...  0.         -0.99996287
    0.90911466]
  [-0.6236785   0.3250897  -0.8000591  ...  0.         -0.99996287
    0.948293  ]
  [-0.43592846  0.21795657 -0.48719832 ...  0.         -0.9999141
    0.86891204]]]
sampled_token: good
sampled_token: coffee
sampled_token: but
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  good coffee but not bad


Review: wow popcorn delicious purchased large popcorn machine game room famil
Original summary: perfect movie night popcorn
input_seq: [[ 710  213   63  180  229  213  406 2443  920  197 1426 2782   34
   309   32  646   46 4462   55  261  799 1229 1390    3    6 2393  213
   231  646  813    8 1695   20  582   96   20    7   54    6  197  797
```

```
   182  131  840  376  383   86    3  358  369   54   31 3657  126 1426
   103  213   38 6884  432  218    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-5.15573956e
    9.30784792e-02 -7.84853324e-02]
  [-9.00153257e-03  4.86274093e-01 -1.71890840e-01 ...  1.23611175e-01
    2.27049097e-01 -6.32650971e-01]
  [-8.73121805e-03  7.17230141e-01 -6.38042927e-01 ...  5.37435770e-01
    3.00365150e-01 -9.45142388e-01]
  ...
  [-0.00000000e+00  5.13765335e-01 -1.18081085e-03 ...  0.00000000e+00
    1.18579455e-01  9.66368973e-01]
  [-0.00000000e+00  5.13176560e-01 -4.45636659e-04 ...  0.00000000e+00
    1.18579455e-01  9.66105461e-01]
  [-0.00000000e+00  5.12662768e-01 -1.66732440e-04 ...  0.00000000e+00
    1.18579455e-01  9.65982974e-01]]]
sampled_token: great
sampled_token: popcorn
sampled_token: end
Predicted summary:  great popcorn


Review: first glance thought great deal read reviews looked little closer cla
Original summary: bait and switch
input_seq: [[  34 6234  123    6  291  323  224  451   19 2118 1677  128  440
   485   38   57  603 1107   16    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 8.9793904e-
   -3.3703282e-02  3.0401871e-03]
  [-9.5758170e-02 -1.0727715e-01 -2.4091473e-01 ...  7.6752275e-02
    1.1755995e-01  1.4787112e-01]
  [ 3.2590427e-02 -9.5719501e-02 -2.2839729e-01 ...  6.2531680e-02
    1.1570809e-02  5.1643476e-02]
  ...
  [-0.0000000e+00  7.8092927e-01 -8.5598088e-22 ...  0.0000000e+00
    9.9716508e-01  9.8771268e-01]
  [-0.0000000e+00  7.8120708e-01 -3.4055193e-22 ...  0.0000000e+00
    9.9716508e-01  9.8777592e-01]
  [-0.0000000e+00  7.8147930e-01 -1.3561487e-22 ...  0.0000000e+00
    9.9716508e-01  9.8783886e-01]]]
sampled_token: good
sampled_token: price
sampled_token: end
Predicted summary:  good price


Review: cannot say enough frontier products always great fresh continue fill
Original summary: quality and quantity
input_seq: [[  52   83   90 4355  106   92    6  108  577  841  499 2622 4355
    88 2176 1026  712   20  972  561    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.8089751e-
    6.5204836e-02  2.9665072e-02]
  [-1.2702406e-02 -6.6499330e-02 -1.8459950e-01 ...  3.2322250e-02
    1.1316102e-01  3.7701920e-02]
```

```
  [-4.4472136e-02 -6.2228482e-02 -2.7676076e-01 ...  1.2012035e-01
    1.7568389e-01  2.5211342e-02]
  ...
  [-0.0000000e+00  8.5202509e-01 -3.6704928e-18 ...  0.0000000e+00
    9.9540615e-01  9.8687285e-01]
  [-0.0000000e+00  8.5198790e-01 -1.6803602e-18 ...  0.0000000e+00
    9.9540615e-01  9.8687017e-01]
  [-0.0000000e+00  8.5195422e-01 -7.6927926e-19 ...  0.0000000e+00
    9.9540615e-01  9.8686773e-01]]]
sampled_token: great
sampled_token: end
Predicted summary:  great


Review: often found kind japanese style curry lunch box young really grew kok
Original summary: good curry
input_seq: [[  390    41   233  1819   737  1252   612    47  1548    14  120
   1448    87    42  3081  1252   233  1252    17   598   298   173     2
    426   237   311  1252     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.23771526e-0
    2.23218560e-01  9.41185057e-02]
  [-4.74318750e-02 -2.94687331e-01 -2.71591306e-01 ... -1.38501106e-02
    4.47662562e-01  4.81538437e-02]
  [-8.22518952e-03 -1.47700563e-01 -3.01312447e-01 ... -1.15232848e-01
    4.23569530e-01  1.89394113e-02]
  ...
  [-0.00000000e+00  4.78071153e-01  4.59817765e-15 ...  0.00000000e+00
   -8.94557416e-01  9.69700575e-01]
  [-0.00000000e+00  4.78066534e-01  1.87374170e-15 ...  0.00000000e+00
   -8.94557416e-01  9.69657898e-01]
  [-0.00000000e+00  4.78073955e-01  7.64283916e-16 ...  0.00000000e+00
   -8.94557416e-01  9.69603002e-01]]]
sampled_token: great
sampled_token: for
sampled_token: the
sampled_token: price
sampled_token: end
Predicted summary:  great for the price


Review: coffee drink surprisingly much better expected considering reviews re
Original summary: not too bad for espresso on the go
input_seq: [[   9   35 1599   15   31  461  996  224  323  341  481   35  887
   961  939  293  223 4365  310  375 1560  633  311    9    8   78 1012
  2976  760   42 1073  679   45 9705  671  113  679   45 2289   19 2391
    26  104    2  341    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 7.1154499e-
   -0.0000000e+00 -6.5003490e-01]
  [ 9.5648694e-01  0.0000000e+00 -1.6262776e-01 ...  0.0000000e+00
   -0.0000000e+00 -9.5388305e-01]
  [ 9.9390525e-01  0.0000000e+00 -9.5620316e-01 ...  0.0000000e+00
   -0.0000000e+00 -7.3887134e-01]
  ...
  [-0.0000000e+00  4.1225204e-01 -1.2253082e-12 ...  0.0000000e+00
```

```
   -9.8441386e-01  9.7129840e-01]
  [-0.0000000e+00  4.1198561e-01 -4.4403592e-13 ...  0.0000000e+00
   -9.8441386e-01  9.7130233e-01]
  [-0.0000000e+00  4.1175172e-01 -1.6074677e-13 ...  0.0000000e+00
   -9.8441386e-01  9.7129744e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great


Review: one best cup coffees ever nice aroma smooth rich cup coffee love morn
Original summary: good cuppa coffee
input_seq: [[  4  24  39 562 105  61 458 299 311  39   9  11 230   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[ 4.63153748e-03 -2.45943805e-0
   -1.04862684e-02  3.33152898e-02]
  [-1.15014076e-01 -2.88871713e-02 -1.96258828e-01 ...  1.66316554e-01
    1.34105802e-01  7.57363141e-02]
  [-9.05177146e-02  2.30695307e-01 -2.17824563e-01 ...  1.07969172e-01
    1.60113662e-01 -4.53177392e-01]
  ...
  [-1.43152913e-02  5.52718937e-01 -1.86075859e-14 ...  0.00000000e+00
   -9.99943197e-01  9.84256625e-01]
  [-1.43149542e-02  5.52714467e-01 -9.75480920e-15 ...  0.00000000e+00
   -9.99943197e-01  9.84257281e-01]
  [-1.43148396e-02  5.52710652e-01 -5.11382293e-15 ...  0.00000000e+00
   -9.99943197e-01  9.84257936e-01]]]
sampled_token: love
sampled_token: this
sampled_token: coffee
sampled_token: end
Predicted summary:  love this coffee


Review: pretzels nice crunch lot nutritional value flavor bland bland hint ci
Original summary: nutritious but not so delicious
input_seq: [[ 1641    61   599    77   782   363     8   685   685   669   49
      5    25   490    38   121   631    38    47   256   205   224   537
    771  1218  1858   345   559   697 10329   188  2221   141   307   181
     12 22776   424   715  6354   225  1783  1656   319     8     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-5.7652641e-02
   -1.3341826e-01 -1.7609170e-01]
  [-7.0839681e-02  2.6224324e-01  1.8082429e-01 ... -5.2959961e-01
   -3.1556928e-01 -1.8203648e-02]
  [-0.0000000e+00  4.6403846e-01  1.5336773e-01 ... -3.7725744e-01
   -4.0499490e-01 -1.7362969e-02]
  ...
  [-0.0000000e+00  4.1600266e-01 -4.4329351e-13 ...  0.0000000e+00
   -1.0706418e-01  9.6453339e-01]
  [-0.0000000e+00  4.1598523e-01 -1.5231185e-13 ...  0.0000000e+00
   -1.0706418e-01  9.6456474e-01]
```

```
  [-0.0000000e+00  4.1591850e-01 -5.2298633e-14 ...  0.0000000e+00
   -1.0706418e-01  9.6459520e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great


Review: chocolate true treat eat perfect texture almond toffee mix goes toget
Original summary: supreme chocolate
input_seq: [[  28  578  112   33   97  158  673 2044   62  410  588  707  259
  1682  170  307    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 6.20064475e
   -8.92249495e-02 -3.45990866e-01]
  [-1.94823548e-01  8.18422586e-02  1.18604116e-01 ...  8.28723907e-01
   -2.70140320e-01 -2.00936690e-01]
  [-7.94541895e-01  3.22078243e-02 -4.50453997e-01 ...  9.47458386e-01
   -2.51624227e-01 -6.70548156e-02]
  ...
  [-0.00000000e+00  6.91055655e-01 -1.58306924e-19 ...  0.00000000e+00
    9.99918759e-01  9.56276715e-01]
  [-0.00000000e+00  6.91126704e-01 -7.03975485e-20 ...  0.00000000e+00
    9.99918759e-01  9.56267059e-01]
  [-0.00000000e+00  6.91193044e-01 -3.13044144e-20 ...  0.00000000e+00
    9.99918759e-01  9.56258118e-01]]]
sampled_token: yummy
sampled_token: end
Predicted summary:  yummy


Review: absolutely love fruit pockets well sticks quick snack satisfies sweet
Original summary: addicted to florida naturals fruit products
input_seq: [[ 275   11  195 2553   27  904  312  102 2789   42 1245    6   48
    19  711  956  156  221  113  279   19 2828    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-9.46606025e
    1.10963196e-01 -1.11781051e-02]
  [-9.62292254e-02 -1.16806574e-01 -1.76418275e-01 ...  1.21106304e-01
    3.29186082e-01  4.43130732e-02]
  [-8.03834666e-03  1.11905180e-01 -2.63055086e-01 ...  3.38781208e-01
    4.87659663e-01  6.00877032e-03]
  ...
  [-0.00000000e+00  6.50045574e-01  2.43207353e-20 ...  0.00000000e+00
    9.84809518e-01  9.62728679e-01]
  [-0.00000000e+00  6.50267363e-01  1.01345385e-20 ...  0.00000000e+00
    9.84809518e-01  9.62849557e-01]
  [-0.00000000e+00  6.50476575e-01  4.22524988e-21 ...  0.00000000e+00
    9.84809518e-01  9.62965429e-01]]]
sampled_token: love
sampled_token: these
sampled_token: end
```

```
Predicted summary:  love these


Review: ordered four bags seller total one occasion would give four half star
Original summary: great peas at reasonable price
input_seq: [[ 101  447  154  653  786    4 2152    5   57  447  182  473  249
   455  351   38 1246  149  118 1246  526  154 1989  177  749  214   25
     3  108   27 2113  619  653  767   92  136  161  214   32   59  559
  2729 2045  653    7    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 5.5844147e-
   -1.7111618e-02  3.3271786e-02]
  [ 6.6368170e-02 -5.9999753e-02 -2.4949603e-02 ... -3.2264197e-01
   -1.0758663e-01 -3.1619553e-02]
  [ 4.0163610e-02  1.6343333e-01 -2.3346402e-01 ... -3.9287525e-01
   -2.9016033e-01 -6.4410046e-02]
  ...
  [-0.0000000e+00  6.5419835e-01 -1.3729214e-13 ...  0.0000000e+00
    9.6266216e-01  9.7506040e-01]
  [-0.0000000e+00  6.5358424e-01 -4.6290899e-14 ...  0.0000000e+00
    9.6266216e-01  9.7541189e-01]
  [-0.0000000e+00  6.5252727e-01 -1.5622967e-14 ...  0.0000000e+00
    9.6266216e-01  9.7563475e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: quite ford gum years ago good nonetheless tub received full gum fresh
Original summary: great
input_seq: [[  149 18776   608    94   316     2  3288  2590   209   188   60
     11   360   292    77   387     2  1079   175     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-6.9900621e-03
   -8.5126996e-02 -6.3617942e-03]
  [-1.1977455e-01  9.6632550e-03 -6.5764472e-02 ...  2.7663263e-02
   -1.2390293e-01  5.2071095e-02]
  [ 2.3566264e-01  9.3572412e-04  0.0000000e+00 ... -4.8473457e-01
   -0.0000000e+00 -4.4886547e-05]
  ...
  [-0.0000000e+00  6.6233712e-01  1.2348779e-17 ...  0.0000000e+00
    9.3056500e-01  9.7795129e-01]
  [-0.0000000e+00  6.6231877e-01  5.5728713e-18 ...  0.0000000e+00
    9.3056500e-01  9.7795445e-01]
  [-0.0000000e+00  6.6230243e-01  2.5149465e-18 ...  0.0000000e+00
    9.3056500e-01  9.7795731e-01]]]
sampled_token: great
sampled_token: gum
sampled_token: end
Predicted summary:  great gum


Review: product amazing know people little ones use love super easy clean use
Original summary: love the fresh food feeder
```

```
input_seq: [[   7  347   64  150   19  271   20   11  367   96  420   20  336
   176  147 3129    4  176    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.0778018e-
   -1.6709847e-02  4.5598142e-02]
  [-8.3111487e-02  1.1080869e-01  2.3158522e-04 ... -7.9160733e-03
    7.1077988e-02 -2.6807976e-01]
  [-2.0794493e-01  1.6320115e-01 -7.0199538e-03 ...  2.0760450e-01
    2.0956194e-01 -2.7311906e-01]
  ...
  [-0.0000000e+00  7.7983618e-01 -1.1792264e-21 ...  0.0000000e+00
    9.9931800e-01  9.7117925e-01]
  [-0.0000000e+00  7.8003901e-01 -4.8904242e-22 ...  0.0000000e+00
    9.9931800e-01  9.7128850e-01]
  [-0.0000000e+00  7.8024662e-01 -2.0298070e-22 ...  0.0000000e+00
    9.9931800e-01  9.7139794e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: first time trying coconut water happened good friend stomach flu need
Original summary: good hydration for stomach flu
input_seq: [[  34   18  187  206   40 1271    2  524  460 4593  113 1495 3857
   138    9  775 1715  327  397  566 1297  177 2991   35  384 3857  970
    25  682  160    6   51   25 1281  214 1240   24  174   77    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 8.9793904e-
   -3.3703282e-02  3.0401871e-03]
  [-4.8725072e-02 -9.1189295e-02 -1.8639481e-01 ...  1.1652762e-02
    2.2349926e-02  7.6477759e-02]
  [-3.8191743e-02 -1.0989883e-01 -2.4780031e-01 ...  3.6370657e-02
    1.1802886e-02  2.8617897e-03]
  ...
  [-0.0000000e+00  4.6196246e-01  1.1236605e-14 ...  0.0000000e+00
   -1.9967093e-01  9.6890181e-01]
  [-0.0000000e+00  4.6204373e-01  4.0500271e-15 ...  0.0000000e+00
   -1.9967093e-01  9.6886873e-01]
  [-0.0000000e+00  4.6217230e-01  1.4594533e-15 ...  0.0000000e+00
   -1.9967093e-01  9.6882844e-01]]]
sampled_token: tastes
sampled_token: like
sampled_token: medicine
sampled_token: end
Predicted summary:  tastes like medicine


Review: snagged bag fresh market absolutely hooked first bite even funny popc
Original summary: best premade popcorn have had
input_seq: [[14073    38   108   370   275   813    34   450    30  1504   21
   3554  2019    44    73     2   293   533   213  1478    78   379    90
     42   784    62   340   101   227   227   208    55  2432   197  1426
   2782   154   146    26    52   627  8625     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
```

```
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.3376574e-01
    1.0595056e-01  6.0228404e-02]
  [-8.6398222e-02 -1.9045870e-01  5.6595453e-03 ... -3.3792365e-01
    8.1056684e-02 -1.3351928e-01]
  [-4.8730943e-02  2.8603220e-01 -5.0241663e-03 ... -4.5658025e-01
   -9.8662309e-02 -2.6322398e-01]
  ...
  [-0.0000000e+00  6.4097542e-01 -1.1178979e-11 ...  0.0000000e+00
   -4.9685860e-01  9.4835877e-01]
  [-0.0000000e+00  6.4303756e-01 -4.7843218e-12 ...  0.0000000e+00
   -4.9685860e-01  9.4881088e-01]
  [-0.0000000e+00  6.4727676e-01 -2.0616948e-12 ...  0.0000000e+00
   -4.9685860e-01  9.4921768e-01]]]
sampled_token: great
sampled_token: for
sampled_token: popcorn
sampled_token: end
Predicted summary:  great for popcorn


Review: good stuff may bit expensive relation local products love sugar added
Original summary: decent but found better local options
input_seq: [[    2    84   157    53   201 13468   138   106    11    36    18
      7   138    55   182    22     5   577   175   315   702     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-2.6852868e-02
   -9.4500564e-02  8.6194044e-04]
  [ 6.6942751e-02  6.4514533e-02  4.0088922e-02 ... -1.5706334e-01
   -1.7798023e-01  1.9097319e-02]
  [ 8.8445306e-02  4.7702260e-02  7.5467564e-02 ... -2.6976082e-01
   -2.1172914e-01  6.5140046e-02]
  ...
  [-0.0000000e+00  6.4913440e-01  1.5722797e-20 ...  0.0000000e+00
    8.2210433e-01  9.8434627e-01]
  [-0.0000000e+00  6.4916152e-01  6.6905728e-21 ...  0.0000000e+00
    8.2210433e-01  9.8433936e-01]
  [-0.0000000e+00  6.4918351e-01  2.8470371e-21 ...  0.0000000e+00
    8.2210433e-01  9.8433340e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: looked around decent price stuff best could find arrived quickly expe
Original summary: it is what it is
input_seq: [[451 179 649  22  84  24  37  29 231 314 461   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[ 6.9161125e-02 -8.1347570e-02
    4.3631662e-02  4.7714286e-02]
  [-9.3957745e-02 -2.5767142e-01 -1.5775476e-01 ... -9.6179292e-02
    1.6319929e-01  7.2687186e-02]
  [-1.7720753e-01 -2.7065352e-01 -2.6401576e-01 ...  1.5949152e-02
```

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  [-1.7720753e-01 -2.7065352e-01 -2.6401576e-01 ...  1.5949152e-02
    9.4150424e-02 -2.1724914e-01]
  ...
  [-0.0000000e+00  9.3147957e-01 -1.3085575e-19 ...  0.0000000e+00
    9.8867375e-01  9.9648249e-01]
  [-0.0000000e+00  9.3148524e-01 -6.3592993e-20 ...  0.0000000e+00
    9.8867375e-01  9.9648893e-01]
  [-0.0000000e+00  9.3148929e-01 -3.0908489e-20 ...  0.0000000e+00
    9.8867375e-01  9.9649471e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: due health issues husband newly required eat gluten free diet acted d
Original summary: gluten free is not always taste free
input_seq: [[  493   254   596   270  5541  2198    33   186    50   181  697
   4432   733     7   339  6345    26   923   108   195   168 21084 16851
     17  3228  7719   436 17014  1581     4   278   333  2296  1574   615
     62   186    50   286   278     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 1.06012903e-0
    9.08090919e-03  4.16037887e-02]
  [ 2.07636610e-01  2.59949826e-02 -8.08464214e-02 ...  1.14064135e-01
   -5.03377654e-02 -1.48736183e-02]
  [ 2.29382575e-01 -1.11706117e-02 -2.27324113e-01 ...  1.72200501e-01
    9.04847682e-03  1.12305373e-01]
  ...
  [-0.00000000e+00  5.75729072e-01 -1.08777228e-17 ...  0.00000000e+00
    1.35428682e-01  9.45082963e-01]
  [-0.00000000e+00  5.75779378e-01 -3.67767644e-18 ...  0.00000000e+00
    1.35428682e-01  9.44696724e-01]
  [-0.00000000e+00  5.75884759e-01 -1.24893519e-18 ...  0.00000000e+00
    1.35428682e-01  9.44282055e-01]]]
sampled_token: great
sampled_token: for
sampled_token: diabetics
sampled_token: end
Predicted summary:  great for diabetics


Review: older cat constantly getting crystals urinary blockage expensive trip
Original summary: the best cat food
input_seq: [[ 1070   124  2259   191  2545  4144 10786   201  1925   518    9
   2685  3710   518   200  3710    33    69  1070   124   124  2002    64
    734  1556  1820    33    12   546 25319    41  3618   234   202   110
     12    94   415  3446   596   453    12    95   142   202    73   175
    171   334   202   211    45   157    19   201   148   202   518   184
     76  2202  1624     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-5.10076471e-0
    2.00965568e-01  1.45646244e-01]
  [-1.42567545e-01 -6.77705228e-01 -4.83953267e-01 ...  3.89068052e-02
    3.48185420e-01  2.99748510e-01]
  [-3.24115336e-01 -9.46967006e-01 -6.42193079e-01 ...  3.79964441e-01
    1.64653674e-01  5.17211854e-01]
  ...
  [-0.00000000e+00  6.27536297e-01 -3.23878339e-05 ...  0.00000000e+00
```

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  [-0.00000000e+00  6.27956297e-01 -5.25878539e-05 ...  0.00000000e+00
    1.00000000e+00  9.77572083e-01]
  [-0.00000000e+00  6.23860657e-01 -1.33077492e-05 ...  0.00000000e+00
    1.00000000e+00  9.77469623e-01]
  [-0.00000000e+00  6.20662987e-01 -5.47799436e-06 ...  0.00000000e+00
    1.00000000e+00  9.77487981e-01]]]
sampled_token: cat
sampled_token: food
sampled_token: end
Predicted summary:  cat food


Review: able sleep dog gets hooked dental chews one enough dog drive crazy ge
Original summary: dog gone good
input_seq: [[ 253 1360   23  392  813 1310  764    4   90   23 1860  744   13
   425   48  454   56    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-3.13616954e
    1.06662579e-01  8.84131491e-02]
  [ 1.39862925e-01 -1.39895111e-01 -5.33678569e-02 ...  1.03991508e-01
    7.91478902e-02 -3.94673869e-02]
  [-3.62893552e-01 -4.19765800e-01 -1.69936374e-01 ...  1.56443529e-02
    9.43469629e-02  3.51268232e-01]
  ...
  [-0.00000000e+00  6.74277425e-01 -4.81450814e-17 ...  0.00000000e+00
    1.00000000e+00  9.91319776e-01]
  [-0.00000000e+00  6.74143493e-01 -2.41390907e-17 ...  0.00000000e+00
    1.00000000e+00  9.91326451e-01]
  [-0.00000000e+00  6.74013734e-01 -1.21031065e-17 ...  0.00000000e+00
    1.00000000e+00  9.91332889e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: these
sampled_token: end
Predicted summary:  my dog loves these


Review: particularly happy storage drawer made wire cups sit flat
Original summary: cup storage drawer and twinings english breakfast tea cups
input_seq: [[1047  142 1687 2225   44 4767  155  995 1332    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-9.4757669e-
    1.2161032e-01  1.2578183e-01]
  [-1.8377575e-01 -6.3456267e-01 -2.9486495e-01 ... -1.8635657e-01
    2.6738706e-01  1.5274926e-01]
  [-2.4437535e-01 -9.3871248e-01 -3.2057491e-01 ... -1.5227401e-01
    4.6281523e-01 -5.9310738e-02]
  ...
  [-0.0000000e+00  6.7360997e-01 -2.8166460e-24 ...  0.0000000e+00
    9.9897361e-01  9.9239606e-01]
  [-0.0000000e+00  6.7350513e-01 -1.1584312e-24 ...  0.0000000e+00
    9.9897361e-01  9.9239975e-01]
  [-0.0000000e+00  6.7340636e-01 -4.7644576e-25 ...  0.0000000e+00
```

```
    9.9897361e-01  9.9240327e-01]]]
sampled_token: not
sampled_token: for
sampled_token: me
sampled_token: end
Predicted summary:  not for me


Review: bit disappointed figs price good doubt product highest quality figs d
Original summary: dried out
input_seq: [[  53  261 4754   22    2 1243    7 2151   86 4754  362 5188  180
  1145 6386   55 1353   11   19 6060   63   48  201  146 2482   45  184
   115   19  112 1443 1002 4754  175   55  277   18  527   19  279    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-6.68074191e
   -4.29645851e-02  2.74337418e-02]
  [ 1.79361045e-01 -4.04363945e-02 -1.17182605e-01 ... -1.66849390e-01
   -2.39507139e-01  6.63054641e-03]
  [ 4.01818931e-01  2.41262987e-02 -5.87852784e-02 ... -1.06159620e-01
   -2.38996953e-01 -7.83054009e-02]
  ...
  [-0.00000000e+00  6.62641764e-01 -4.53840877e-13 ...  0.00000000e+00
    9.99999642e-01  9.52641070e-01]
  [-0.00000000e+00  6.62835062e-01 -1.94658932e-13 ...  0.00000000e+00
    9.99999642e-01  9.52739894e-01]
  [-0.00000000e+00  6.63059235e-01 -8.35470541e-14 ...  0.00000000e+00
    9.99999642e-01  9.52841759e-01]]]
sampled_token: love
sampled_token: these
sampled_token: end
Predicted summary:  love these


Review: daughter loves yogurt melts banana mango two favorite flavors melts s
Original summary: my daughter loves these
input_seq: [[ 412   79  708 2030  772  944   49   70   72 2030  388  130 2548
    61 2231 1498   92 2178 2548 2030  297   67   19 1413 2030  137   91
    77 1815  142  328  106   25  170   59    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-1.8551266e-
    2.6664865e-01  2.5716057e-01]
  [-8.9801006e-02 -9.1662967e-01 -1.7578600e-01 ...  4.4426229e-02
    5.2735400e-01  5.8969378e-01]
  [-2.5849137e-02 -9.6749449e-01 -8.6600162e-02 ...  1.1182292e-01
    7.3914963e-01  4.0765595e-01]
  ...
  [-0.0000000e+00  6.1892599e-01 -5.9012554e-17 ...  1.4387280e-36
    1.0000000e+00  9.5613879e-01]
  [-0.0000000e+00  6.1884063e-01 -2.3174775e-17 ...  1.3100902e-37
    1.0000000e+00  9.5605183e-01]
  [-0.0000000e+00  6.1876160e-01 -9.0977915e-18 ...  1.1906620e-38
    1.0000000e+00  9.5598108e-01]]]
sampled_token: great
sampled_token: for
sampled_token: kids
sampled_token: end
```

```
Predicted summary:  great for kids


Review: feel compelled buy get whole foods waste money buying pack buyer bewa
Original summary: this is really bad sponge like when
input_seq: [[  168  5526    21    13   122   173   618   245   121   151  230
     52   830    66    12   601   158 12264     1  8402  5848   321  2055
   2009  3596  2793  1925    26    21  2009   838   278  4111   345    11
     66  4042   106   618   245     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 7.0458919e-02
   -3.2342089e-04 -5.7683285e-02]
  [ 2.7900746e-01  7.9881124e-02 -2.2367784e-01 ...  2.6723459e-01
   -1.3634767e-01 -4.4813331e-02]
  [ 5.8521599e-01  0.0000000e+00 -4.7545603e-01 ...  3.9045307e-01
   -3.0466419e-01  5.7649449e-02]
  ...
  [-0.0000000e+00  5.9664345e-01 -2.8463162e-15 ...  0.0000000e+00
    4.4214833e-01  9.9265879e-01]
  [-0.0000000e+00  5.9643549e-01 -9.0915223e-16 ...  0.0000000e+00
    4.4214833e-01  9.9269116e-01]
  [-0.0000000e+00  5.9621662e-01 -2.9040371e-16 ...  0.0000000e+00
    4.4214833e-01  9.9270821e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: discovered rub shopping napa saleswoman tyler florence along flavored
Original summary: use this on everything
input_seq: [[  700  1663  1341  9019 34873 12605 16850   557   264  4861    4
     38  7135 30650   125  1515   710    20  1412   948   844    30   503
   1459    82   204   602   362  1694    97  4558  3291   934   966   101
    154   557   389    36  1663   634     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-7.9402678e-02
    9.7392857e-02 -7.3508233e-02]
  [-2.2622328e-02  1.3343641e-01  5.8157332e-03 ... -3.4222144e-01
   -6.3805440e-03 -7.7949271e-02]
  [-2.5735542e-02  1.3908230e-01  1.8670574e-02 ... -2.7968547e-01
   -1.9127238e-01 -6.4195055e-03]
  ...
  [-0.0000000e+00  5.8446240e-01  5.2023581e-14 ...  0.0000000e+00
    9.9999940e-01  9.6168995e-01]
  [-0.0000000e+00  5.8671004e-01  1.8735659e-14 ...  0.0000000e+00
    9.9999940e-01  9.6239340e-01]
  [-0.0000000e+00  5.8932114e-01  6.7815042e-15 ...  0.0000000e+00
    9.9999940e-01  9.6311212e-01]]]
sampled_token: best
sampled_token: rub
sampled_token: ever
sampled_token: end
Predicted summary:  best rub ever
```

```
Review: dont waste money gevalia repackaging brand tea sample forget green te
Original summary: utterly flavorless
input_seq: [[  895   618   245  2947 18576    81    10   790  1571   134     1
   6231    71  3723    40  1745   134    10  2963  3292   120     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 2.2539403e-01
   -1.2583128e-01 -8.0902562e-02]
  [ 6.4462644e-01  1.5640908e-03  8.3419688e-02 ... -1.1132203e-01
   -1.7194374e-01 -6.3420055e-03]
  [ 9.7016454e-01  0.0000000e+00  1.0359815e-01 ... -3.7707314e-01
   -2.0657937e-01  2.2660021e-02]
  ...
  [-0.0000000e+00  4.6320826e-01 -2.5270542e-20 ...  0.0000000e+00
   -3.1896096e-01  9.8382020e-01]
  [-0.0000000e+00  4.6319860e-01 -1.0039040e-20 ...  0.0000000e+00
   -3.1896096e-01  9.8382384e-01]
  [-0.0000000e+00  4.6318769e-01 -3.9880530e-21 ...  0.0000000e+00
   -3.1896096e-01  9.8382765e-01]]]
sampled_token: tastes
sampled_token: like
sampled_token: medicine
sampled_token: end
Predicted summary:  tastes like medicine


Review: pretty good tastes good microwave food take long make fairly healthy
Original summary: good healthy easy
input_seq: [[ 129    2   54    2  591   12  148  119   26  771   95 1011 1148
  4600  620   29   96   26 6337  173    1 2121  131    4  107  141  786
   165 2322  165 1531  165 1417  439 1507  786  703 2105  386   36  225
   693 1562 1536    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.32627487e
   -1.47771627e-01 -7.40435049e-02]
  [ 3.42028230e-01  1.23718008e-02 -1.12528384e-01 ...  1.70834824e-01
   -2.25261271e-01  3.39150913e-02]
  [ 6.88607395e-01  0.00000000e+00 -1.75603226e-01 ...  2.15482056e-01
   -1.18349262e-01  3.48158665e-02]
  ...
  [-0.00000000e+00  4.98196185e-01  3.23718171e-14 ...  0.00000000e+00
   -9.99734700e-01  9.70693052e-01]
  [-0.00000000e+00  4.97250438e-01  1.08164202e-14 ...  0.00000000e+00
   -9.99734700e-01  9.70846117e-01]
  [-0.00000000e+00  4.96361494e-01  3.60953392e-15 ...  0.00000000e+00
   -9.99734700e-01  9.70992208e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great


Review: love pirate booty stuff addictive since cannot find town order bulk g
Original summary: love booty
```

```
input_seq: [[  11 5107 4372   84 1395   51   52   29 1505   60  554  415  736
   554  247  522 1311    8 3957   15  208   19   82   11    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [-8.2302004e-02  7.7452876e-02 -2.9623026e-01 ...  1.9152187e-01
    4.5142296e-01  1.5944254e-01]
  [-4.1440617e-02  1.7983210e-01 -4.5484576e-01 ...  3.8060084e-01
    7.3315620e-01  3.3758283e-01]
  ...
  [-0.0000000e+00  7.5450528e-01  1.1982308e-16 ...  0.0000000e+00
    8.6247540e-01  9.6748596e-01]
  [-0.0000000e+00  7.5448823e-01  5.2497736e-17 ...  0.0000000e+00
    8.6247540e-01  9.6750122e-01]
  [-0.0000000e+00  7.5447208e-01  2.3001310e-17 ...  0.0000000e+00
    8.6247540e-01  9.6751463e-01]]]
sampled_token: love
sampled_token: these
sampled_token: end
Predicted summary:  love these


Review: admit scrutinize full product description study picture bag purchasin
Original summary: misleading product description note that this is blend
input_seq: [[ 1057 33472   188     7   713  3256   900    38   619     7   18
    753  6390     9  2824     7  1842 10739    83   215   240    38   323
  40022   713    60    13 20515    30    20  1275  2177   713    99  2855
   1275   215   921  8337  2606  3382     9   504    60    26  1609  1902
   1590     9   865  1060   276   552  5076  1590    60   651  1590   215
    227   119  6390     9     7  4678  4671   740  6390   215    16    26
  11149     0     0     0     0     0     0     0]], e_out: [[[ 1.1863542e-01
   -8.8898420e-02 -7.9404555e-02]
  [ 3.5333413e-01  1.9645099e-02  6.5103568e-02 ... -2.8018352e-01
   -1.3632719e-01 -6.1700493e-02]
  [ 6.7110312e-01  0.0000000e+00  1.3321225e-01 ... -2.6364648e-01
   -8.5815236e-02 -1.1145852e-03]
  ...
  [-2.6523620e-01 -1.1069525e-01 -5.8305836e-01 ...  1.3643948e-04
   -9.9687308e-01  9.7313470e-01]
  [-1.6166081e-01  8.5233273e-03 -4.2098123e-01 ...  1.1803713e-05
   -9.9687308e-01  9.8021334e-01]
  [-8.5306421e-02  1.8488210e-01 -2.5169340e-01 ...  9.0463203e-07
   -9.9687308e-01  9.8254931e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: spread serve cheese platter goes well soft cheeses like goat brie spr
Original summary: the best fig spread on the market
input_seq: [[ 1299   762   208 10075   410    27   317  3753     1  2265  771
   1016  2099 13969   455    63   184    76  2202   158    97    42   170
     59     7     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
```

```
        0     0     0     0     0     0     0     0     0     0     0     0
        0     0     0     0     0     0     0     0]], e_out: [[[ 1.32064596e-0
    -1.25372663e-01 -1.24984443e-01]
   [ 3.92250806e-01  6.69210218e-03  1.19641058e-01 ... -1.08426034e-01
    -1.37165025e-01 -1.69130601e-02]
   [ 1.17761843e-01  0.00000000e+00  1.25432760e-01 ... -4.54722792e-01
    -1.52832091e-01  1.34988851e-03]
   ...
   [-0.00000000e+00  6.57145321e-01  3.68147492e-16 ...  0.00000000e+00
     9.93614137e-01  9.57429826e-01]
   [-0.00000000e+00  6.57132387e-01  1.60725852e-16 ...  0.00000000e+00
     9.93614137e-01  9.57440734e-01]
   [-0.00000000e+00  6.57120526e-01  7.01676932e-17 ...  0.00000000e+00
     9.93614137e-01  9.57450747e-01]]]
sampled_token: love
sampled_token: these
sampled_token: end
Predicted summary:  love these


Review: really like superfood amazing grass product tried dissolve really wel
Original summary: my first amazing grass product
input_seq: [[  14    1 6308  347 1283    7   25 1639   14   27   53   42  700
    14   27  459   85  673  206   85   17   11   48   80  168 2713   32
    72   17    4  347 1283  106   91    4    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-3.19400355e
    4.56688479e-02  5.33862710e-02]
   [ 2.24359650e-02  5.29174618e-02 -1.50635093e-01 ...  1.41958699e-01
    -7.61628672e-02 -8.73663742e-03]
   [-1.86104715e-01 -1.71728492e-01 -3.70781600e-01 ...  1.38894722e-01
     1.59670889e-01  1.95473939e-01]
   ...
   [-0.00000000e+00  5.21298647e-01 -1.02252810e-19 ...  0.00000000e+00
     7.05838323e-01  9.57395852e-01]
   [-0.00000000e+00  5.21601021e-01 -3.59481773e-20 ...  0.00000000e+00
     7.05838323e-01  9.57438588e-01]
   [-0.00000000e+00  5.21901071e-01 -1.26399636e-20 ...  0.00000000e+00
     7.05838323e-01  9.57473040e-01]]]
sampled_token: great
sampled_token: for
sampled_token: on
sampled_token: the
sampled_token: go
sampled_token: end
Predicted summary:  great for on the go


Review: item came described rather quickly pleased cannot complain purchase
Original summary: crystal light white grape
input_seq: [[ 243  198 1393  319  314  453   52 2032  175    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 9.2485793e-
   -5.4746062e-02  3.2979093e-02]
```

```
  [ 1.1886488e-01 -1.2677352e-01  1.1245633e-01 ... -4.2486781e-01
   -1.5551682e-01 -1.8780466e-02]
  [ 9.9661257e-03 -2.9121426e-01 -1.4727405e-01 ... -5.5957216e-01
   -2.2395854e-01 -4.7629189e-02]
  ...
  [-0.0000000e+00  8.2304382e-01 -9.1675926e-21 ...  0.0000000e+00
    9.9582732e-01  9.9318910e-01]
  [-0.0000000e+00  8.2302189e-01 -4.4158581e-21 ...  0.0000000e+00
    9.9582732e-01  9.9319059e-01]
  [-0.0000000e+00  8.2300115e-01 -2.1270517e-21 ...  0.0000000e+00
    9.9582732e-01  9.9319190e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: ingredients deep river snacks website potatoes sunflower oil corn oil
Original summary: the manufacturer own website these have no olive oil
input_seq: [[   89  1141  4763   449   778   948  1666   139   268   139  295
    131  1124   325    36   773   325 36603  1670   362  4100  2375   139
   3097   139  3084  1030   133    72  3684    15     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-5.57753481e-0
   -3.29152085e-02  3.77724282e-02]
  [-9.14498568e-02 -3.28254014e-01 -1.43136039e-01 ... -1.37710690e-01
   -2.49134097e-02 -2.15700641e-03]
  [-3.57489176e-02 -4.40329045e-01 -2.22308904e-01 ... -1.18423924e-01
   -7.48702437e-02 -1.60351638e-02]
  ...
  [-0.00000000e+00  5.94063461e-01  2.46098858e-16 ... -2.58752093e-37
   -5.28666437e-01  9.90315735e-01]
  [-0.00000000e+00  5.93891978e-01  8.92314071e-17 ... -3.09821766e-38
   -5.28666437e-01  9.90303338e-01]
  [-0.00000000e+00  5.93737721e-01  3.23537072e-17 ...  0.00000000e+00
   -5.28666437e-01  9.90290701e-01]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great


Review: bought toy definetly something dog loves interested good period time
Original summary: good idea one major design flaw for us
input_seq: [[   46   516  5435    69    23    79  1238     2  1698    18   31
    272  1042   398  1173    37   351   380  1173    44  2589  2655 15876
      5    15    31     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-3.4551639e-02
    2.7833385e-02  6.2093455e-02]
  [-2.0181812e-01 -5.5890489e-01 -2.2628093e-01 ... -1.8849726e-03
    2.4957298e-01  3.3373719e-01]
```

```
  [-1.7015715e-01 -4.7495297e-01 -8.8965602e-02 ... -0.0000000e+00
    0.0000000e+00 -2.4722371e-01]
  ...
  [-0.0000000e+00  5.7978487e-01 -3.9191355e-20 ...  0.0000000e+00
    1.0000000e+00  9.8694623e-01]
  [-0.0000000e+00  5.7981789e-01 -1.4241930e-20 ...  0.0000000e+00
    1.0000000e+00  9.8691714e-01]
  [-0.0000000e+00  5.7980895e-01 -5.1749239e-21 ...  0.0000000e+00
    1.0000000e+00  9.8689681e-01]]]
sampled_token: not
sampled_token: for
sampled_token: small
sampled_token: dogs
sampled_token: end
Predicted summary:  not for small dogs


Review: stove microwave microwave tinkyada baked bag tinkyada spaghetti sauce
Original summary: you can microwave this too
input_seq: [[ 2145   591   591  3083   659    38  3083  1572   140    39  179
    130  6484   586  5559  2689   988  2689   182    38  5327  6484   586
   1466   255   631   580   255   140    74     4    39    40    62    27
   1466  6484   586 14509  1790  1839  1701    88  2653  8174 11621   777
    591   500   272  1569  1975   199 13098   635  2969    61   633 10506
    272   148  6484   586   591  1547  2689   988  2689     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.3964757e-01
    2.0399283e-01  1.9307813e-01]
  [-6.1250471e-02 -3.8625506e-01 -3.2763112e-01 ...  1.9408110e-01
    4.1434982e-01  1.5569453e-01]
  [-0.0000000e+00 -7.0953655e-01 -3.8716260e-01 ... -2.5426468e-01
    5.1839268e-01  1.3343268e-03]
  ...
  [-0.0000000e+00  4.8830315e-01  2.3129464e-03 ...  0.0000000e+00
    8.2650888e-01  9.4606078e-01]
  [-0.0000000e+00  5.1435059e-01  1.0027708e-03 ...  0.0000000e+00
    8.2650888e-01  9.5808327e-01]
  [-0.0000000e+00  5.2209365e-01  4.1894417e-04 ...  0.0000000e+00
    8.2650888e-01  9.6155190e-01]]]
sampled_token: great
sampled_token: gluten
sampled_token: free
sampled_token: pasta
sampled_token: end
Predicted summary:  great gluten free pasta


Review: got kefir quickly good quality would recommend site others looking st
Original summary: kefir
input_seq: [[  67 2442  314    2   86    5   59 1008  274  136  454 2442 9087
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.9029723e-
   -3.1655405e-02  7.0888377e-03]
  [ 2.5532103e-01 -8.0883719e-02 -3.4086791e-01 ... -3.0251451e-02
    1.6310771e-01  1.2442175e-01]
  [ 3.2785577e-01 -5.3006041e-01 -5.3425753e-01 ... -2.6475389e-02
    2.2583455e-01  3.1320932e-01]
```

```
    2.2583455e-01  3.1520052e-01]
  ...
  [-0.0000000e+00  6.4645511e-01 -3.4589196e-26 ...  0.0000000e+00
    6.0991871e-01  9.9084646e-01]
  [-0.0000000e+00  6.4645815e-01 -1.2484317e-26 ...  0.0000000e+00
    6.0991871e-01  9.9083996e-01]
  [-0.0000000e+00  6.4646083e-01 -4.5062824e-27 ...  0.0000000e+00
    6.0991871e-01  9.9083441e-01]]]
sampled_token: not
sampled_token: worth
sampled_token: it
sampled_token: end
Predicted summary:  not worth it


Review: tried every brand one favorites price realistic drink alot coffee can
Original summary: best coffee best price
input_seq: [[  25   76   81    4  854   22 5770   35 1184    9   52  795  839
  2432  170   59    9  511  947   16    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-9.3390234e-
   -3.2897286e-02 -4.3892384e-02]
  [-1.1044625e-01  4.0300969e-02 -2.6862806e-01 ...  2.6910678e-01
    3.0105885e-02  8.7212577e-02]
  [-2.1473521e-02  2.8615871e-02 -4.8846927e-01 ...  4.3036166e-01
    1.2463102e-02  1.3914202e-01]
  ...
  [-0.0000000e+00  6.5816230e-01 -5.9955626e-17 ...  0.0000000e+00
   -9.3549037e-01  9.7952855e-01]
  [-0.0000000e+00  6.5814424e-01 -2.7919890e-17 ...  0.0000000e+00
   -9.3549037e-01  9.7953075e-01]
  [-0.0000000e+00  6.5812790e-01 -1.3001661e-17 ...  0.0000000e+00
   -9.3549037e-01  9.7953272e-01]]]
sampled_token: great
sampled_token: coffee
sampled_token: end
Predicted summary:  great coffee


Review: tried several different flavors point flat best good coffee taste str
Original summary: just good cup of coffee
input_seq: [[  25  216   99   72  576 1332   24    2    9    3  109  487   13
    49   19  429  331 3318   36  352  932  353 1034 2377 1801    4   18
   643   45 1757 1586    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-9.3390234e-
   -3.2897286e-02 -4.3892384e-02]
  [-1.1621385e-02  4.7663044e-02 -2.7202639e-01 ...  2.6442713e-01
   -5.7570107e-02  7.4190930e-02]
  [ 1.8240599e-01  2.6183445e-02 -5.0588208e-01 ...  3.7480101e-01
   -1.6740040e-01  1.5801099e-01]
  ...
  [-0.0000000e+00  5.4523265e-01 -1.1389224e-17 ...  0.0000000e+00
   -9.9998939e-01  9.8211938e-01]
  [-0.0000000e+00  5.4525024e-01 -4.4012618e-18 ...  0.0000000e+00
   -9.9998939e-01  9.8211336e-01]
```

```
  -9.9998939e-01  9.8211338e-01]
  [-0.0000000e+00  5.4535031e-01 -1.7014882e-18 ...  0.0000000e+00
   -9.9998939e-01  9.8211420e-01]]]
sampled_token: not
sampled_token: good
sampled_token: end
Predicted summary:  not good


Review: primo soda mix tastes like coke zero diet coke good thing big fan asp
Original summary: zero made at home no mess and landfill waste
input_seq: [[12161   330    62    54     1  2108  1219   181  2108     2   12
    333  2065   419   181  2108   234  4409   181  1914   269   536    35
    512  4013    81  7956   341    40  6064  2353   388  3263    31     3
      6   702  1233   197   181  2108  2482  3398   306     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 2.8156620e-01
   -8.9759469e-02 -1.7968416e-01]
  [ 7.2454655e-01  0.0000000e+00  0.0000000e+00 ... -1.6814174e-02
   -0.0000000e+00 -0.0000000e+00]
  [ 9.8712522e-01  0.0000000e+00  0.0000000e+00 ... -6.9352281e-01
   -0.0000000e+00 -0.0000000e+00]
  ...
  [-0.0000000e+00  4.0869719e-01 -4.1440169e-13 ...  0.0000000e+00
    1.5327011e-01  9.5856416e-01]
  [-0.0000000e+00  4.0873218e-01 -1.5261059e-13 ...  0.0000000e+00
    1.5327011e-01  9.5861572e-01]
  [-0.0000000e+00  4.0879712e-01 -5.6183970e-14 ...  0.0000000e+00
    1.5327011e-01  9.5866716e-01]]]
sampled_token: great
sampled_token: tasting
sampled_token: carbonated
sampled_token: juice
sampled_token: end
Predicted summary:  great tasting carbonated juice


Review: product introduced daughter addicted know healthy great tasting produ
Original summary: best snack have had
input_seq: [[   7 1384  412 1158   64   95    6  174    7  170   59    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.0778018e-
   -1.6709847e-02  4.5598142e-02]
  [ 8.6385809e-02  1.1902840e-01  3.5931975e-02 ... -2.8251499e-02
   -9.8899670e-02 -2.5074828e-01]
  [-1.9913000e-01 -3.0600309e-02 -1.8632400e-01 ...  1.4028321e-01
    1.1917899e-01  3.4294628e-02]
  ...
  [-0.0000000e+00  7.9029518e-01 -3.1861707e-18 ...  0.0000000e+00
    9.8709100e-01  9.8569077e-01]
  [-0.0000000e+00  7.9029000e-01 -1.5679333e-18 ...  0.0000000e+00
    9.8709100e-01  9.8569137e-01]
  [-0.0000000e+00  7.9028547e-01 -7.7158725e-19 ...  0.0000000e+00
    9.8709100e-01  9.8569191e-01]]]
sampled_token: yummy
```

```
sampled_token: yummy
sampled_token: end
Predicted summary:  yummy


Review: makes tasty low calorie soup often add extra vegetables even noodles
Original summary: hot sour egg flower soup mix
input_seq: [[ 80 137 156 494 343 390  74 279 844  30 296  11   7   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
    0   0   0   0   0   0   0   0]], e_out: [[[-1.18053377e-01 -7.56699145e-0
    7.53116906e-02  2.93852836e-02]
  [-1.22202635e-01  4.65343753e-03 -9.95183438e-02 ... -2.75217975e-03
    6.50983825e-02 -1.40808046e-01]
  [-7.32816532e-02  5.43011576e-02 -1.62252128e-01 ... -2.98470885e-01
   -1.55015454e-01 -1.10233635e-01]
  ...
  [-0.00000000e+00  7.01814413e-01  6.55044133e-20 ...  0.00000000e+00
   -9.78899956e-01  9.79574978e-01]
  [-0.00000000e+00  7.01806486e-01  2.87290393e-20 ...  0.00000000e+00
   -9.78899956e-01  9.79576945e-01]
  [-0.00000000e+00  7.01799333e-01  1.25999414e-20 ...  0.00000000e+00
   -9.78899956e-01  9.79578853e-01]]]
sampled_token: great
sampled_token: soup
sampled_token: end
Predicted summary:  great soup


Review: love dark chocolate vastly prefer overly sweet milk chocolate saw org
Original summary: less bitter than most dark chocolate earthy and delicious
input_seq: [[   11   166    28  7609   285   800    42    85    28   472    9
     28   845    32    63  1057     1   166    28   721   257  2674   257
     48 12200    93   963   721  2425     3   448   950   185   234    99
  15084    60  9352     3   234  1214     9   257    39     9    28  8628
     63   851    12   773    84  8628    63    28   357   294   166    28
     87  1241     3   537   257   383    14   647  1453   387   116   187
     14     2    84     0     0     0     0     0]], e_out: [[[-0.10335382 -0
    0.09433474]
  [-0.05942035  0.31504008 -0.21563776 ...  0.13241261  0.28777274
   -0.30049103]
  [-0.02477416  0.21529827 -0.19132711 ...  0.54865617 -0.02999874
   -0.41123098]
  ...
  [-0.3587649  -0.2773602  -0.68553895 ...  0.17255747 -0.88251317
   -0.14674376]
  [-0.29058486 -0.3268057  -0.66553384 ...  0.06121957 -0.9996313
    0.62956905]
  [-0.19467098 -0.2962246  -0.56504065 ...  0.01236007 -0.9996313
    0.88840014]]]
sampled_token: good
sampled_token: but
sampled_token: not
sampled_token: great
sampled_token: end
Predicted summary:  good but not great
```

```
Review: right amount spice tangy bleu cheese flavor plus lovely crinkle cut c
Original summary: delicious good thing the bags are not any bigger
input_seq: [[   82   204   499  1430  7185   208     8   322  1300 11038   42
   3205   154   523    51    29  1556   627   110  1128   631    38   135
     46  1333  7185   131   746    72   177    86   132     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.2703764e-01
    1.7322706e-01  1.1880373e-01]
  [-5.7525504e-02 -2.1179515e-01 -2.1651354e-01 ...  5.0805353e-02
    2.7344769e-01 -4.1538443e-02]
  [-8.2803341e-03  1.0227568e-01 -4.3452505e-02 ... -1.6772228e-01
   -3.8277183e-02 -1.1717541e-01]
  ...
  [-0.0000000e+00  7.0733476e-01  6.5781963e-11 ...  0.0000000e+00
   -9.9706835e-01  9.8114872e-01]
  [-0.0000000e+00  7.0720655e-01  2.9869458e-11 ...  0.0000000e+00
   -9.9706835e-01  9.8117948e-01]
  [-0.0000000e+00  7.0710135e-01  1.3565043e-11 ...  0.0000000e+00
   -9.9706835e-01  9.8120821e-01]]]
sampled_token: love
sampled_token: these
sampled_token: chips
sampled_token: end
Predicted summary:  love these chips


Review: ever heard stories people try heroine first time even worse get givin
Original summary: river street
input_seq: [[  105   909  5490   150    32 20407    34    18    30  1069     1
    199    50  2409  1975   804  2300  1853   336   220    15   201     5
    105   527  2191   310    50   790  4171  5049   277   127   845  9076
   9704   191  1145   507   252    85  2122   415    95   345  1077     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-6.69665262e-0
    2.68287417e-02 -1.18814379e-01]
  [-1.22620232e-01  1.37919888e-01  2.43505374e-01 ... -3.44547838e-01
    3.90344043e-03 -9.28490609e-02]
  [-9.28800330e-02  7.42330030e-02  3.08448076e-01 ... -5.42361081e-01
   -1.85230836e-01 -1.63787929e-03]
  ...
  [-0.00000000e+00  4.90098029e-01 -4.36807234e-14 ...  0.00000000e+00
    9.79431033e-01  9.80643928e-01]
  [-0.00000000e+00  4.89678949e-01 -1.26283947e-14 ...  0.00000000e+00
    9.79431033e-01  9.80729938e-01]
  [-0.00000000e+00  4.89353091e-01 -3.65048712e-15 ...  0.00000000e+00
    9.79431033e-01  9.80794370e-01]]]
sampled_token: not
sampled_token: worth
sampled_token: the
sampled_token: money
sampled_token: end
Predicted summary:  not worth the money


Review: third box popcorn keep coming back coconut oil right amount salt kern
```

```
Original summary: great price and delicious popcorn
input_seq: [[1104   47  213  103  872  100  206  139   82  204  131 1390 1229
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.6201983e-
   -8.8604368e-02 -5.2467571e-03]
  [ 2.3605572e-01 -1.3110191e-01 -9.1011703e-02 ... -8.1023775e-02
   -1.0948233e-01  7.0462577e-02]
  [-1.7019136e-01  3.6308253e-01 -2.0702440e-01 ...  1.4059801e-01
   -1.8705399e-01 -6.4195532e-01]
  ...
  [-0.0000000e+00  6.4553756e-01 -5.8109297e-22 ...  0.0000000e+00
   -8.4987414e-01  9.8798740e-01]
  [-0.0000000e+00  6.4549810e-01 -2.3868071e-22 ...  0.0000000e+00
   -8.4987414e-01  9.8799479e-01]
  [-0.0000000e+00  6.4546275e-01 -9.8036175e-23 ...  0.0000000e+00
   -8.4987414e-01  9.8800176e-01]]]
sampled_token: great
sampled_token: popcorn
sampled_token: end
Predicted summary:  great popcorn


Review: product gift staff going costa rica fun gift taste good well great va
Original summary: taste good
input_seq: [[   7  372 5067  146 3565 5037  666  372    3    2   27    6  363
   579 1506  515  235    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 1.0778018e-
   -1.6709847e-02  4.5598142e-02]
  [ 3.8289361e-02 -2.2660977e-01  1.1285209e-01 ... -3.8087642e-01
   -2.8699622e-02 -1.5233271e-02]
  [-1.2167022e-02  2.1372801e-02  1.0571307e-01 ... -6.1649477e-01
   -1.9739568e-01 -3.7119699e-01]
  ...
  [-0.0000000e+00  7.7874887e-01  4.3642246e-20 ...  0.0000000e+00
    8.8420284e-01  9.9038440e-01]
  [-0.0000000e+00  7.7874720e-01  1.8684159e-20 ...  0.0000000e+00
    8.8420284e-01  9.9038392e-01]
  [-0.0000000e+00  7.7875257e-01  7.9983696e-21 ...  0.0000000e+00
    8.8420284e-01  9.9038351e-01]]]
sampled_token: gift
sampled_token: basket
sampled_token: end
Predicted summary:  gift basket


Review: first glanced item first thought nehi orange type soft drink however
Original summary: not soft drink more like carbonated orange juice
input_seq: [[   34 27660   243    34   123 21610   395   359   317    35     9
    195   192  1160   183    54    48    42     3  1065    15   128   263
    394   419   340  2439   350    82     3  2614   877  1046   561   999
   2986    44     6 12303   711  1160     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
```

```
       0     0     0     0     0     0     0     0     0     0     0     0
       0     0     0     0     0     0     0     0]], e_out: [[[ 8.9793904e-03
   -3.3703282e-02  3.0401871e-03]
  [-2.2051761e-02 -9.2437945e-02 -2.0572531e-01 ...  6.1220817e-02
   -1.8987801e-02  8.2308918e-02]
  [ 4.5313843e-02 -1.6385967e-01 -2.6377544e-01 ... -8.8266149e-02
   -9.0181045e-02  6.1566923e-02]
  ...
  [-0.0000000e+00  5.0199395e-01  1.2394956e-11 ...  4.0172987e-28
   -9.6532816e-01  9.8575687e-01]
  [-0.0000000e+00  5.0174981e-01  4.8256338e-12 ...  4.5699700e-29
   -9.6532816e-01  9.8579854e-01]
  [-0.0000000e+00  5.0155967e-01  1.8756407e-12 ...  5.2260470e-30
   -9.6532816e-01  9.8582828e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: love kona try order least pkgs thanks got hooked kona sister statione
Original summary: sweet deal
input_seq: [[  11 1590   32   60  276 9618  428   67  813 1590 1388 6895 3019
   653    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [ 3.1132847e-01  2.3815358e-01 -0.0000000e+00 ...  6.4483404e-02
   -0.0000000e+00 -5.5367088e-01]
  [ 9.0834433e-01  6.8201594e-02 -2.9617539e-01 ...  3.4911904e-02
   -0.0000000e+00 -8.7801152e-01]
  ...
  [-0.0000000e+00  7.9924792e-01 -8.8040762e-19 ...  0.0000000e+00
    9.9792200e-01  9.7409284e-01]
  [-0.0000000e+00  7.9923511e-01 -4.1694078e-19 ...  0.0000000e+00
    9.9792200e-01  9.7409463e-01]
  [-0.0000000e+00  7.9922348e-01 -1.9745211e-19 ...  0.0000000e+00
    9.9792200e-01  9.7409630e-01]]]
sampled_token: great
sampled_token: coffee
sampled_token: end
Predicted summary:  great coffee


Review: illy issimo coffee drink slightly sweetened sugar contains caffeine t
Original summary: not so delicious
input_seq: [[1180 2034    9   35  377  827   36  465  456    3  487   19  458
  1480  783   35   54    1    9 2322    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[ 3.1812978e-
   -2.4170596e-02 -1.6478167e-01]
  [ 8.3135337e-01  0.0000000e+00  0.0000000e+00 ...  5.7810283e-01
   -0.0000000e+00 -0.0000000e+00]
  [ 9.8993212e-01  0.0000000e+00 -0.0000000e+00 ...  6.2724274e-01
```

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   -0.0000000e+00 -1.0302886e-01]
  ...
  [-0.0000000e+00  4.5761019e-01 -7.0691351e-19 ...  0.0000000e+00
   -1.0000000e+00  9.7938383e-01]
  [-0.0000000e+00  4.5886296e-01 -2.7630469e-19 ...  0.0000000e+00
   -1.0000000e+00  9.7943217e-01]
  [-0.0000000e+00  4.6075058e-01 -1.0842079e-19 ...  0.0000000e+00
   -1.0000000e+00  9.7953206e-01]]]
sampled_token: not
sampled_token: bad
sampled_token: end
Predicted summary:  not bad


Review: long loved zhena gypsy tea since discovered green festival favorite a
Original summary: happy to enjoy zhena again
input_seq: [[  119   203  9504 10629    10    51   700   134  6579    70    9
   1318   413   205   875   283   644     8   761    34    19   111    22
     51    26    77    10   690    10   251   154    14     2   291  1840
     38   592   103     2   843     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-5.04831038e-0
    2.75927298e-02 -3.80000733e-02]
  [-1.23823665e-01 -6.94456175e-02 -1.58774644e-01 ... -1.19921587e-01
    2.43080452e-01  8.92412663e-02]
  [-8.82602856e-02 -1.93249822e-01 -1.57280833e-01 ... -2.73149282e-01
    3.18691641e-01  9.57697630e-02]
  ...
  [-0.00000000e+00  4.97366488e-01 -7.73526496e-15 ...  0.00000000e+00
    8.82552788e-02  9.58979547e-01]
  [-0.00000000e+00  5.03084362e-01 -3.01044022e-15 ...  0.00000000e+00
    8.82552788e-02  9.58368897e-01]
  [-0.00000000e+00  5.05989909e-01 -1.17677165e-15 ...  0.00000000e+00
    8.82552788e-02  9.57923293e-01]]]
sampled_token: great
sampled_token: tasting
sampled_token: tea
sampled_token: end
Predicted summary:  great tasting tea


Review: bought aunt christmas drinks coffee different varities hard find
Original summary: peggy
input_seq: [[  46 3678  664  327    9   99 7313  118   29    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0]], e_out: [[[-3.4551639e-
    2.7833385e-02  6.2093455e-02]
  [-2.2814516e-02  2.1964714e-01 -1.2668373e-01 ...  6.9754928e-02
   -3.3862416e-02 -2.4169406e-01]
  [-7.1264231e-03  1.8500376e-01 -2.7721742e-01 ...  2.5262195e-01
   -4.6913024e-02 -9.6637666e-02]
  ...
  [-4.6945505e-02  6.7484260e-01 -1.6019026e-17 ...  0.0000000e+00
   -9.4057631e-01  9.8668838e-01]
```

```
  [-4.6944343e-02  6.7483789e-01 -8.3697658e-18 ...  0.0000000e+00
   -9.4057631e-01  9.8668927e-01]
  [-4.6943456e-02  6.7483377e-01 -4.3731000e-18 ...  0.0000000e+00
   -9.4057631e-01  9.8669004e-01]]]
sampled_token: love
sampled_token: this
sampled_token: coffee
sampled_token: end
Predicted summary:  love this coffee


Review: doctors confirm ibs started looking natural products could help sympt
Original summary: best tea for ibs
input_seq: [[ 5379  5691  5576   301   136   133   106    37   339  2349    6
    960     5  2245     7   169    35   633    10   563   460  1681   191
   4345   613   272 12461    39    10   168    31    25 23520   214  3053
    144   157    19 46190    27   184   245     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[ 6.74358085e-0
    1.61500320e-01  1.00670986e-01]
  [ 2.63044029e-01 -4.00045104e-02  9.61120240e-03 ...  2.78340075e-02
    7.12396391e-03 -2.15431318e-01]
  [ 1.89717352e-01 -1.24732748e-01 -1.14127271e-01 ...  1.74724802e-01
    7.16326013e-02  5.48340194e-02]
  ...
  [-0.00000000e+00  5.16075015e-01 -2.92225668e-15 ...  0.00000000e+00
    6.57991290e-01  9.89778399e-01]
  [-0.00000000e+00  5.15644014e-01 -9.58883754e-16 ...  0.00000000e+00
    6.57991290e-01  9.89781201e-01]
  [-0.00000000e+00  5.15271544e-01 -3.14669616e-16 ...  0.00000000e+00
    6.57991290e-01  9.89779830e-01]]]
sampled_token: works
sampled_token: well
sampled_token: end
Predicted summary:  works well


Review: wonderful stuff cook like rice rice cooker make rice porridge wonderf
Original summary: deliciously toothsome
input_seq: [[  169    84   402     1   159   159  3107    26   159  6105   16
  14686    20     1   159  2100    85    36    74    39   639   510  2586
    510   302   594   259     4 14158  1118  2038 18423   442    89 33275
   6496 16627  1195    40  5508  1342   880    94  3130 20853 18452  2473
  33275  1388     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-1.1382981e-01
    1.4961314e-01 -6.1776325e-02]
  [-1.4826241e-01  1.2505692e-01  7.4814275e-02 ... -2.6010642e-02
    1.8733191e-01 -3.5768885e-02]
  [-3.2282776e-01  7.5044699e-02  3.1917498e-01 ... -4.7568876e-01
    2.4960531e-01  1.4789831e-02]
  ...
  [-0.0000000e+00  6.0151178e-01 -8.0473741e-14 ... -6.8383772e-24
    8.8272494e-01  9.7715646e-01]
  [-0.0000000e+00  6.0440844e-01 -2.2410032e-14 ... -8.0810936e-25
    8.8272494e-01  9.7744799e-01]
  [-0.0000000e+00  6.0494107e-01 -6.2420784e-15 ... -9.4618350e-26
    8.8272494e-01  9.7750527e-01]]]
```

```
    8.8272494e-01  9.7759527e-01]]]
sampled_token: great
sampled_token: rice
sampled_token: end
Predicted summary:  great rice


Review: take two ounces water mix daughter straw cups voila healthy smoothie
Original summary: great for making smoothies
input_seq: [[  148    49   810    40    62   412  3271   155  3297    95  237
    112 19327   895   376     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-5.46961054e-0
    9.03591141e-02  2.07746588e-02]
  [-7.19943792e-02 -1.09501667e-01 -2.85793662e-01 ...  1.43772364e-01
    2.13141903e-01  1.11632735e-01]
  [ 9.29540396e-02 -1.10816717e-01 -3.40869635e-01 ...  1.55834019e-01
    2.34435707e-01  1.05562031e-01]
  ...
  [-0.00000000e+00  6.15824044e-01 -2.08175818e-20 ...  0.00000000e+00
    9.99975204e-01  9.57593858e-01]
  [-0.00000000e+00  6.15813553e-01 -9.13020877e-21 ...  0.00000000e+00
    9.99975204e-01  9.57605183e-01]
  [-0.00000000e+00  6.15804434e-01 -4.00441204e-21 ...  0.00000000e+00
    9.99975204e-01  9.57615674e-01]]]
sampled_token: love
sampled_token: it
sampled_token: end
Predicted summary:  love it


Review: lipton tea honey iced tea mix packets convenient way drink healthy bo
Original summary: refreshingly sweet taste
input_seq: [[1056   10  236  478   10   62  600  535   48   35   95   47  465
   600  805  210   40  616  134   10  418    3   97   71  766   56 2492
   687 2600    8  123   63 3304   32   72    1 1318 3580 2394  957    1
    24  625 2065    1    8  600  370  630  141  176  313    1  827  236
    44  167   10  567  167  195   72    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-8.6242147e-
   -4.2522404e-02 -1.0119883e-01]
  [ 6.0750681e-01  0.0000000e+00  0.0000000e+00 ...  3.0355921e-01
   -0.0000000e+00 -2.4054530e-01]
  [ 9.4732428e-01  0.0000000e+00  0.0000000e+00 ...  3.2557711e-01
   -0.0000000e+00 -2.5215298e-01]
  ...
  [-0.0000000e+00  3.5785145e-01  3.6009494e-04 ...  2.3024230e-10
   -5.4104435e-01  9.5571321e-01]
  [-0.0000000e+00  3.6710513e-01  1.4948737e-04 ...  2.2471507e-11
   -5.4104435e-01  9.5579517e-01]
  [-0.0000000e+00  3.7418714e-01  6.1996136e-05 ...  2.2969467e-12
   -5.4104435e-01  9.5589042e-01]]]
sampled_token: delicious
sampled_token: end
Predicted summary:  delicious
```

```
Review: basically precooked noodles bags filled water actual quantity noodles
Original summary: expensive diet
input_seq: [[  986  8508   296   154   991    40   862  1076   296   265    8
    176   811    38   296   158    31  4649  1216   737   989   965   887
   1692   886   147   116  5389   503     1  1129   765  3729  1129  3168
    296   639   503   343  2823   199   898  3002 14623   176   856    30
    547   360   255   140   913    72  3200    14   168   218  1036   296
      5   168   218   241   156   703  1410   989   416    69   436   167
    413   146    21   455    22  4119  1076    13]], e_out: [[[ 0.18615031 -0
   -0.02439569]
  [ 0.05239576 -0.15582585 -0.08812328 ... -0.27928188 -0.09970699
    0.08361395]
  [-0.05681626 -0.4859325   0.03009948 ... -0.2329745  -0.26324055
   -0.05091515]
  ...
  [-0.26847354  0.5943392  -0.4787223  ...  0.         -0.03300021
   -0.713291  ]
  [-0.30522418  0.8263297  -0.56589496 ... -0.06612098 -0.02027389
   -0.8032715 ]
  [-0.40279272  0.9073337  -0.5076832  ... -0.12157714 -0.01221791
   -0.980152  ]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: mom wheat allergy unable find progresso mushroom soup stores looked c
Original summary: mushroom soup for wheat allergy
input_seq: [[ 825  385 1351 1812   29 6423 3150  343  205  451   37   60   50
   209  227  223  136  794  399  731    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.5943126e-
    2.2518025e-01  1.8733318e-01]
  [-1.4893777e-02 -8.1913692e-01 -3.2001367e-01 ... -2.4675156e-01
    6.0279989e-01 -1.4000647e-02]
  [-0.0000000e+00 -9.7323793e-01 -4.9670017e-01 ... -4.0870816e-01
    7.8977305e-01 -3.0640811e-01]
  ...
  [-0.0000000e+00  7.5348330e-01  1.4782861e-23 ...  0.0000000e+00
    9.2192662e-01  9.8823917e-01]
  [-0.0000000e+00  7.5360870e-01  5.5747471e-24 ...  0.0000000e+00
    9.2192662e-01  9.8828387e-01]
  [-0.0000000e+00  7.5373524e-01  2.1039893e-24 ...  0.0000000e+00
    9.2192662e-01  9.8832852e-01]]]
sampled_token: great
sampled_token: product
sampled_token: end
Predicted summary:  great product


Review: like convenience happy plastic cups also want mess filling cup came m
Original summary: good coffee and good for the
input_seq: [[   1  839  142  303  155   17   68  739  540   39  198  406   25
   214  180   16 1352 1825 1431 7712  231  298 1304  462 7712  214   34
   453  126  251  303   39   19   38  303 3022   58   15   87  921  127
```

```
  455  120  251  505   39   19   58  505 3022   58   15   87  921  127
  246    9   31  214  351   60  187 3711   15   20  424 2170   60    0
    0    0    0    0    0    0    0    0    0    0    0    0    0    0
    0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.3668841e-
   -1.0559503e-01 -6.2754050e-02]
  [-2.5898648e-02 -1.6751999e-02 -1.6047299e-01 ... -8.7091170e-02
   -1.9806512e-01  4.7604240e-02]
  [-8.9456037e-02 -1.8110140e-01 -3.8218838e-01 ... -9.4000548e-02
   -6.5886170e-02  1.3069803e-01]
  ...
  [-0.0000000e+00  6.4400089e-01 -5.4328111e-09 ...  3.2057564e-33
   -6.9864321e-01  9.8097098e-01]
  [-0.0000000e+00  6.4130378e-01 -1.8709045e-09 ...  1.3486089e-34
   -6.9864321e-01  9.8112118e-01]
  [-0.0000000e+00  6.3868153e-01 -6.4513672e-10 ...  5.8615548e-36
   -6.9864321e-01  9.8128808e-01]]]
sampled_token: good
sampled_token: coffee
sampled_token: bad
sampled_token: price
sampled_token: end
Predicted summary:  good coffee bad price


Review: dog quickly caught onto happening gave hot dogs vienna sausage cheese
Original summary: pill pockets are great
input_seq: [[   23   314  1960  1501  4547   260    71    65  3467  1813   20
    194  1359   765    18     4   507   187    57  2748  1970   792   148
    877   450 20475  1463    14   257  1463     4    66    65  7782    52
   3301    93  1463  2553    73   219   263    13  1970  3819  3975  5779
    112  1463  2553  1624   427   184    22  1226   858   100   147     0
      0     0     0     0     0     0     0     0     0     0     0     0
      0     0     0     0     0     0     0     0]], e_out: [[[-3.16935956e-0
   1.82530895e-01  3.07192177e-01]
  [-5.00922143e-01 -9.28512573e-01 -1.05399095e-01 ...  0.00000000e+00
   4.09178101e-02  7.39428282e-01]
  [-7.03801870e-01 -9.66556966e-01 -5.82604744e-02 ...  0.00000000e+00
   0.00000000e+00  9.09086108e-01]
  ...
  [-0.00000000e+00  6.00289822e-01 -6.96317457e-08 ...  0.00000000e+00
   9.99999642e-01  9.82658565e-01]
  [-0.00000000e+00  5.98019063e-01 -2.50550247e-08 ...  0.00000000e+00
   9.99999642e-01  9.82841611e-01]
  [-0.00000000e+00  5.94429493e-01 -9.03440434e-09 ...  0.00000000e+00
   9.99999642e-01  9.83084679e-01]]]
sampled_token: not
sampled_token: for
sampled_token: my
sampled_token: dog
sampled_token: end
Predicted summary:  not for my dog


Review: like strong taste coffee dark magic ordered box ordering
Original summary: great taste
input_seq: [[   1  109    3    9  166 1588  101   47  336    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
    0    0    0    0    0    0    0    0    0    0    0    0    0    0
    0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 2.3668841e-
   -1.0559503e-01 -6.2754050e-02]
  [ 4.2608985e-01  1.9569434e-02 -2.3989648e-02 ...  1.3600600e-01
   -2.2730766e-02 -1.9570492e-01]
  [ 9.4302356e-01  0.0000000e+00 -2.2983219e-01 ...  3.2311112e-01
   -0.0000000e+00 -4.0602036e-02]
  ...
  [-2.0128662e-02  5.9828651e-01 -4.4321307e-21 ...  0.0000000e+00
   -9.9989104e-01  9.9272412e-01]
  [-2.0070292e-02  5.9854198e-01 -2.0743333e-21 ...  0.0000000e+00
   -9.9989104e-01  9.9275237e-01]
  [-2.0012157e-02  5.9878325e-01 -9.7119819e-22 ...  0.0000000e+00
   -9.9989104e-01  9.9277776e-01]]]
sampled_token: good
sampled_token: coffee
sampled_token: end
Predicted summary:  good coffee


Review: pounds gummi bears wow great deal shared mom like candy way try dissa
Original summary: freaking yummy
input_seq: [[ 883 1320 1021  710    6  291 1581  825    1  232   48   32 2803
  4212   15  245   11    8 4212   15  292    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.3903962e-
    1.8089816e-01  9.1552883e-02]
  [-7.2864421e-02  2.6351528e-02  8.4194660e-02 ... -4.2226470e-01
   -5.4588996e-02  5.8807316e-03]
  [-1.5958105e-01  2.5906971e-01  8.0361016e-02 ... -2.6609284e-01
   -1.9628066e-01 -7.7279778e-03]
  ...
  [-0.0000000e+00  7.1084756e-01  2.4998561e-13 ...  0.0000000e+00
    9.9988037e-01  9.9249506e-01]
  [-0.0000000e+00  7.1084934e-01  1.2839034e-13 ...  0.0000000e+00
    9.9988037e-01  9.9249673e-01]
  [-0.0000000e+00  7.1085912e-01  6.5938662e-14 ...  0.0000000e+00
    9.9988037e-01  9.9249804e-01]]]
sampled_token: best
sampled_token: gummi
sampled_token: bears
sampled_token: end
Predicted summary:  best gummi bears


Review: item healthy inexpensive treat whole family easily enjoyed driving wa
Original summary: healthy snack
input_seq: [[ 243   95 1729  112  122  197  382  373 3151 1356  163  171  131
  3954  439 2518    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 9.2485793e-
   -5.4746062e-02  3.2979093e-02]
  [-1.3400462e-01 -2.3157857e-01 -1.2045075e-01 ... -2.4744217e-01
   -4.1937898e-03  8.5453764e-03]
```

```
  [-2.3959751e-01 -6.1136651e-01 -3.4738427e-01 ... -3.3614531e-01
    1.5224388e-01  1.5787773e-01]
  ...
  [-0.0000000e+00  6.7000502e-01  7.2204958e-19 ...  0.0000000e+00
    9.7632855e-01  9.8269773e-01]
  [-0.0000000e+00  6.6999704e-01  3.1994335e-19 ...  0.0000000e+00
    9.7632855e-01  9.8270088e-01]
  [-0.0000000e+00  6.6998982e-01  1.4177046e-19 ...  0.0000000e+00
    9.7632855e-01  9.8270375e-01]]]
sampled_token: yummy
sampled_token: end
Predicted summary:  yummy


Review: mini dachshund loves favorite toy last reasonable length time however
Original summary: great toy
input_seq: [[1084 3840   79   70  516  162  768 2226   18   93    2  523   65
  4018    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.5746303e-
    2.8891492e-01  3.3808714e-01]
  [-1.2950906e-01 -9.2842197e-01 -1.4568526e-01 ...  0.0000000e+00
    3.7909749e-01  7.4117249e-01]
  [-4.5169305e-02 -9.8486269e-01 -7.6340646e-02 ...  0.0000000e+00
    7.4180827e-02  9.0814066e-01]
  ...
  [-0.0000000e+00  6.3518882e-01 -1.1555422e-18 ...  0.0000000e+00
    1.0000000e+00  9.8628098e-01]
  [-0.0000000e+00  6.3522017e-01 -5.5560274e-19 ...  0.0000000e+00
    1.0000000e+00  9.8630399e-01]
  [-0.0000000e+00  6.3526195e-01 -2.6719816e-19 ...  0.0000000e+00
    1.0000000e+00  9.8632890e-01]]]
sampled_token: my
sampled_token: dog
sampled_token: loves
sampled_token: these
sampled_token: end
Predicted summary:  my dog loves these


Review: item arrived sugar free shipped regular version caramel syrup small i
Original summary: wrong item
input_seq: [[ 243  231   36   50  579  128  380  784  269   88 6637 4821  210
    36   50  320  228  566  210 1297  128  380    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[ 9.2485793e-
   -5.4746062e-02  3.2979093e-02]
  [ 1.2097987e-01 -1.3697670e-01  1.2169878e-01 ... -4.3859428e-01
   -1.2300425e-01  7.0339447e-04]
  [ 4.7262642e-01  3.7316956e-02  0.0000000e+00 ... -7.0984691e-01
   -1.9252805e-01 -1.4155436e-01]
  ...
  [-0.0000000e+00  6.5639031e-01  6.4143601e-17 ...  0.0000000e+00
   -6.0443974e-01  9.9151087e-01]
```

```
  [-0.0000000e+00  6.5636539e-01  2.7154662e-17 ...  0.0000000e+00
   -6.0443974e-01  9.9150670e-01]
  [-0.0000000e+00  6.5634197e-01  1.1495203e-17 ...  0.0000000e+00
   -6.0443974e-01  9.9150300e-01]]]
sampled_token: not
sampled_token: as
sampled_token: good
sampled_token: as
sampled_token: the
sampled_token: original
sampled_token: end
Predicted summary:  not as good as the original


Review: love love love salt pepper popchips order individual bags eat whole t
Original summary: yum
input_seq: [[  11   11   11  131  356 1406   60  867  154   33  122  127  407
   937  915   38 1648    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0    0    0    0    0
     0    0    0    0    0    0    0    0    0    0]], e_out: [[[-1.0335382e-
    2.0938370e-01  9.4334736e-02]
  [-5.1488299e-02 -7.6055549e-02 -2.6003465e-01 ...  1.6513781e-01
    4.5654327e-01  1.6598600e-01]
  [-4.4432823e-03  5.6482837e-02 -3.0981487e-01 ...  2.3960726e-01
    6.4731020e-01  2.6090899e-01]
  ...
  [-0.0000000e+00  7.2636843e-01  1.4973954e-16 ...  0.0000000e+00
    9.9985367e-01  9.6745205e-01]
  [-0.0000000e+00  7.2636497e-01  6.9976198e-17 ...  0.0000000e+00
    9.9985367e-01  9.6745324e-01]
  [-0.0000000e+00  7.2636253e-01  3.2700346e-17 ...  0.0000000e+00
    9.9985367e-01  9.6745420e-01]]]
sampled_token: love
sampled_token: these
sampled_token: end
Predicted summary:  love these


Review: say getting coffee amazon bags came sealed well perfect condition bea
Original summary: item came as described
input_seq: [[  83  191    9   16  154  198  838   27   97  732  304  108   44
   174    9 1163  136 1729   48  121 3330   81  315  251 1469   21    4
    13    4   50  138  848  415   22   14  315  201  153  702   83 3330
    80  179    9 1499 3659   14  382   20  429 1920 1604 1760  696 1270
     6    0    0    0    0    0    0    0    0    0    0    0    0    0
```