```
!pip install transformers
```

```
equirement already satisfied: transformers in /usr
equirement already satisfied: filelock in /usr/loc
equirement already satisfied: huggingface-hub<1.0,
equirement already satisfied: numpy>=1.17 in /usr/
equirement already satisfied: packaging>=20.0 in /
equirement already satisfied: pyyaml>=5.1 in /usr/
equirement already satisfied: regex!=2019.12.17 in
equirement already satisfied: requests in /usr/loc
equirement already satisfied: tokenizers<0.19,>=0.
equirement already satisfied: safetensors>=0.4.1 i
equirement already satisfied: tqdm>=4.27 in /usr/l
equirement already satisfied: fsspec>=2023.5.0 in
equirement already satisfied: typing-extensions>=3
equirement already satisfied: charset-normalizer<4
equirement already satisfied: idna<4,>=2.5 in /usr
equirement already satisfied: urllib3<3,>=1.21.1 i
equirement already satisfied: certifi>=2017.4.17 i
```

```
from transformers import pipeline, AutoModelForSequenc
```

```
model_name = "nlptown/bert-base-multilingual-uncased-se
model = AutoModelForSequenceClassification.from_pretrai
tokenizer = AutoTokenizer.from_pretrained(model_name)
pipe = pipeline('sentiment-analysis')
```

NameError ×

You

Please explain the error:

```
NameError: name 'pipe' is not
```

Colab AI

1. **Import necessary modules**:

```
!pip install transformers
from transformers import pipe
```

Use code with caution

2. **Define the pipeline**:

```
sentiment_pipeline = pipeline
```

Use code with caution

3. **Use the pipeline**:

```
out = sentiment_pipeline(text
result = out[0]  # Assuming y
sentiment = result["label"]
score = round(result["score"]
```

Use code with caution

4. **Explanation**:

- The original error message, `NameError: name 'pipe' is not defined`, indicates that the `pipe` function is not defined in the current environment.

```
/usr/local/lib/python3.10/dist-packages/huggingfac
The secret `HF_TOKEN` does not exist in your Colab
To authenticate with the Hugging Face Hub, create
You will be able to reuse this secret in all of yo
Please note that authentication is recommended but
  warnings.warn(
config.json: 100%  953/953 [00:00<00:00, 55.6kB/s]
pytorch_model.bin: 100%  669M/669M [00:08<00:00, 75.7MB/s
/usr/local/lib/python3.10/dist-packages/torch/_uti
  return self.fget.__get__(instance, owner)()
tokenizer_config.json: 100%  39.0/39.0 [00:00<00:00, 486B/s]
vocab.txt: 100%  872k/872k [00:00<00:00, 2.74MB/s]
special_tokens_map.json: 100%  112/112 [00:00<00:00, 1.37kB
No model was supplied, defaulted to distilbert-base
Using a pipeline without specifying a model name a
config.json: 100%  629/629 [00:00<00:00, 7.27kB/s]
model.safetensors: 100%  268M/268M [00:04<00:00, 78.0MB/s
```

```
import random
import pandas as pd

def select_random_text(csv_file):
    # Read the CSV file into a pandas DataFrame
    df = pd.read_csv(csv_file)

    # Select a random index
    random_index = random.randint(0, len(df) - 1)

    # Get the random text from the 'text' column
    random_text = df.loc[random_index, 'text']

    return random_text

# Example usage:
random_text = select_random_text('/content/rnn_analysi
print(random_text)
text1=random_text
```

```
very good
```

```
data=pd.read_csv("/content/rnn_analysis.csv")
data
```

- To fix this, we need to import the `pipeline` function from the `transformers` module.
- Once the `pipeline` function is imported, we can create a `sentiment_pipeline` object using the `pipeline` function and the desired task name, which is `sentiment-analysis` in this case.
- Finally, we can use the `sentiment_pipeline` object to analyze the sentiment of the text in `text1`.

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20	Candes 60 L Room/Personal Air Cooler?????? (Whi...	8999	5	awe
21	Candes 60 L Room/Personal Air Cooler?????? (Whi...	8999	5	worth
22	Candes 60 L Room/Personal Air Cooler?????? (Whi...	8999	2	just
23	Candes 60 L Room/Personal Air	8999	5	awe