```
import pandas as pd
      import spacy
     import string
     from google.colab import drive
     drive.mount('/content/drive')
Mounted at /content/drive
     import pandas as pd
     file_path = "/content/drive/MyDrive/Reviews.csv"
    df = pd.read_csv(file_path)
    reviews = df['Text'].dropna().head(10000)
    print(reviews.head())
           I have bought several of the Vitality canned d...
         Product arrived labeled as Jumbo Salted Peanut...
        This is a confection that has been around a fe... If you are looking for the secret ingredient i...
4 Great taffy at a great price. There was a wid...
Name: Text, dtype: object
     def preprocess(text):
              text = text.lower()
               text = text.translate(str.maketrans("", "", string.punctuation))
              return text
     reviews = reviews.apply(preprocess)
import spacy
nlp = spacy.load("en_core_web_sm")
doc = nlp(reviews.iloc[0])
tokens = [token.text for token in doc if token.is_alpha and not token.is_stop]
print("Tokens:\n", tokens)
Tokens:
  ['bought', 'vitality', 'canned', 'dog', 'food', 'products', 'found', 'good', 'quality', 'product', 'looks', 'like', 'stew', 'product', 'looks', 'like', 'stew', 'product', 'looks', 'like', 'stew', 'product', 'looks', 'like', 'stew', 'product', 'looks', 'lo
pos_tags = [(token.text, token.pos_) for token in doc if token.is_alpha]
print("POS Tags:\n", pos_tags)
POS Tags:
 [('i', 'PRON'), ('have', 'AUX'), ('bought', 'VERB'), ('several', 'ADJ'), ('of', 'ADP'), ('the', 'DET'), ('vitality', 'NOUN'),
entities = [(ent.text, ent.label_) for ent in doc.ents]
print("Named Entities:\n", entities)
Named Entities:
  []
Start coding or generate with AI.
```