

Code Sentiment_Script.

```
import pandas as pd
import nltk
from nltk.sentiment import SentimentIntensityAnalyzer
nltk.download('vader_lexicon')

# Load your Excel data into a pandas DataFrame
# Replace 'your_file.xlsx' with the actual file path and sheet name
df = pd.read_excel('Vox-auto.xlsx', sheet_name='HOJA DE CODIFICACION')

# Create a SentimentIntensityAnalyzer object from nltk
sid = SentimentIntensityAnalyzer()

# Function to get sentiment score and label
def get_sentiment(text):
    sentiment_score = sid.polarity_scores(text)['compound']
    if sentiment_score >= 0.05:
        return 'Positive'
    elif sentiment_score <= -0.05:
        return 'Negative'
    else:
        return 'Neutral'

# Apply the sentiment analysis function to your DataFrame
df['Sentiment'] = df['Tweet'].apply(get_sentiment)

# Save the results back to Excel or perform further analysis
df.to_excel('output_file.xlsx', index=False)
```

Notes: Python's Natural Language Toolkit (NLTK).

Source: Python's Natural Language Toolkit (NLTK).