```
From google.colab import files

Uploaded files.upload()

!pip install pandas matplotlib seaborn wordcloud scikit-learn

Import pandas as pd
Tweets_dfpd.read_excel("Tweets.xlsx')

Tweets_df.head()

Import pandas as pd

From textblob import TextBlob

Import re

Import matplotlib.pyplot as plt

Tweets_df=pd.read_excel("Tweets.xlsx')
Def clean_tweet(text):

Textre.sub(r'http\S+", "", text)

Textre.sub(r@\w+',", text)

Text re.sub(r'#',"', text)

Text re.sub(r'[^A-Za-z\s]", "", text)

Return text.strip()
 Def get_sentiment(text):

Analysis TextBlob(text)

Polarity analysis.sentiment.polarity

If polarity > 0:

Return 'Positive'

Elif polarity - 0:

Return 'Neutral

Else:

Return "Negative'
```

```
Tweets_df['sentiment'] = tweets_df['clean_text'].apply(get_sentiment)

Print(tweets_df[["text", "clean_text', 'sentiment"]].head())

Tweets_df[ sentiment'].value_counts().plot(kind='bar', color=['green', 'blue',

'red'])

Plt.title('Sentiment Distribution')

Plt.xlabel("Sentiment')

Plt.ylabel('Number of Tweets').

Plt.show()
```