```
In [1]:  import pandas as pd
         import numpy as np
         import matplotlib.pyplot as plt
         import seaborn as sns
         import re
         import string
         import nltk
         import warnings
         from textblob import TextBlob
         from wordcloud import WordCloud
         %matplotlib inline

         warnings.filterwarnings('ignore')
```

```
In [2]:  df = pd.read_csv('MoneyLionPositiveTweets.csv')
         df.head()
```

Out[2]:

	date	username	clean_tweet	Subjectivity	Polarity	Analysis
0	16/08/2021	jonahlupton	Right like UPST SOFI most once trades couple m...	0.517857	0.392857	Positive
1	15/08/2021	craigmo93689450	Money lion there when need awesome bank SwgWXsL	1.000000	1.000000	Positive
2	14/08/2021	jonahlupton	SOFI much larger stronger company still like m...	0.291667	0.125000	Positive
3	14/08/2021	rust_1975	been using moneylion think only requirement ha...	0.733333	0.166667	Positive
4	14/08/2021	moneylion	That what here help when need most #HereWeRoar...	0.500000	0.500000	Positive

```
In [3]:  df.shape
```

Out[3]: (6567, 6)

Exploratory Data Analysis (Positive)

```
In [4]:  #Visualize the frequent Negative words

         all_words = " ".join([sentence for sentence in df ['clean_tweet']])

         wordcloud = WordCloud (width =800, height=500, random_state=42, max_font_size=100).generate(all_words)

         #plot the graph
         plt.figure(figsize=(15,8))
         plt.imshow(wordcloud, interpolation = 'bilinear')
         plt.axis('off')
         plt.show()
```