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('MoneyLionNeutralTweets.csv')
df.head()
```

Out[2]:

	date	username	clean_tweet	Subjectivity	Polarity	Analysis
0	16/08/2021	sureshktrader	were pitching Fuse moneylion acfew months What...	0.000000	0	Neutral
1	16/08/2021	bladentaj	When this trending imagined lion millionaire	0.000000	0	Neutral
2	14/08/2021	tbakerbroadmoor	already seeing public market valuations #finte...	0.066667	0	Neutral
3	14/08/2021	slymastersteven	does that compare	0.000000	0	Neutral
4	14/08/2021	nickjaura	Companies that competing with banks every poss...	1.000000	0	Neutral

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

Out[3]:
```
(4629, 6)
```

Exploratory Data Analysis (Neutral)

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()
```