**BLACK COFFER TEXT ANALYSIS**

**Methodology/Approach:**

* Used BeautifulSoup Library to extract articles and titles from the URL’s.
* The URL’s used two types of tags, so I handled both cases to extract data. Try: Exception block was used to handle bad URL’s.
* Extracted stop words from text files and removed all stop words from articles.
* Defined a function for each text analysis metric
* Created a text analysis function which computes all metrics in one function.
* Inspected the results.

**Instructions:**

* The project was built on google colab platform.
* The Black Coffer folder consists of input.xlxs (input file of URLs), Master Dictionary (positive and negative words), Stop words(all stopwords), URL\_id.txt (only extracted articles), output.xlxs(final output file)
* Necessary pip install codes and libraries have already been included in the code. Ctrl+F9 to run all blocks of code.