

TEXTBLOB

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WHAT IS TEXTBLOB

- TextBlob is a Python (2 and 3) library for processing textual data. It provides a consistent API for diving into common natural language processing (NLP) tasks such as part-of-speech tagging, noun phrase extraction, sentiment analysis, and more.
- You can treat TextBlob objects as if they were Python strings that learned how to do Natural Language Processing.

TEXTBLOB QUICKSTART PAGE

- TextBlob has a great quick-start page that goes through many of the features with simple examples
- Source:
 - <https://textblob.readthedocs.io/en/latest/quickstart.html#quickstart>

MY APPLICATION

- I'm currently building a stock market web application and one of the pages will be ticker specific. I wanted to be able to display recent important tweets with basic sentiment analysis applied to determine whether the tweet was positive or negative
- Sources I found to support this goal:
 - TextBlob Sentiment Analysis Demo: <https://www.geeksforgeeks.org/twitter-sentiment-analysis-using-python/>
 - Flask Webapp Demo to display tweets: <https://thelaziestprogrammer.com/sharrington/web-development/tweet-archiver-with-flask-and-tweepy-part-1>
- Side-note: Seems like Trump's Twitter is becoming the standard example for text mining and sentiment analysis ...

FLASK

- Flask is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries. It has no database abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions
- Applications that use the Flask framework include Pinterest, LinkedIn, and the community web page for Flask itself.