**Files content:**

arabic\_app.py -contain Arabic text sentiment analysis

english\_app.py-contain-english text sentiment analysis

english\_classification-contain jupyter file for English sentiment.

newapp.py-contain both englishand Arabic text sentiment analysis

**Command to run files:**

Streamlit run filename.py

Polarity and subjectivity:

**Polarity**is a float value within the range [-1.0 to 1.0] where 0 indicates neutral, +1 indicates a very positive sentiment and -1 represents a very negative sentiment.

**Subjectivity**is a float value within the range [0.0 to 1.0] where 0.0 is very objective and 1.0 is very subjective.

**Subjective sentence** expresses some personal feelings, views, beliefs, opinions, allegations, desires, beliefs, suspicions, and speculations

**Objective sentences** are factual.