**Sentiment analysis using pre-trained deep learning models**

**1. Model:** Distilbert-base-uncased-finetuned-sst-2-english

**Sample data:**

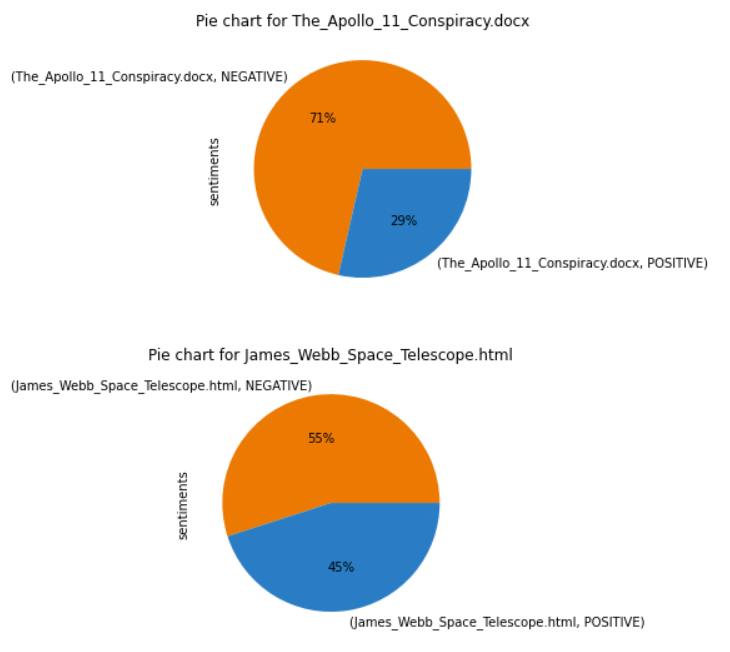
1. The\_Apollo\_11\_Conspiracy.docx (Size 14.5kb)
2. James\_Webb\_Space\_Telescope.html (100 kb/ 9200 words approx.)

**Execution time:**

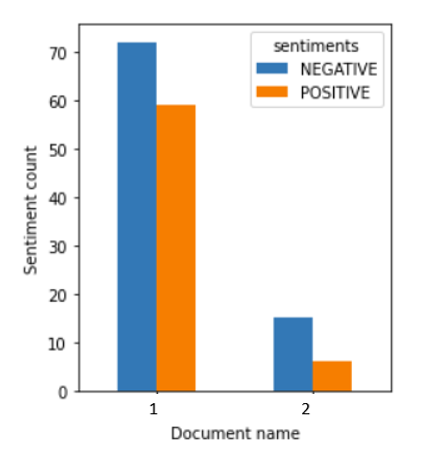
Sentiment analysis for The\_Apollo\_11\_Conspiracy.docx completed in 3.33 seconds for James\_Webb\_Space\_Telescope.html completed in 6.92 seconds

**Plots:**

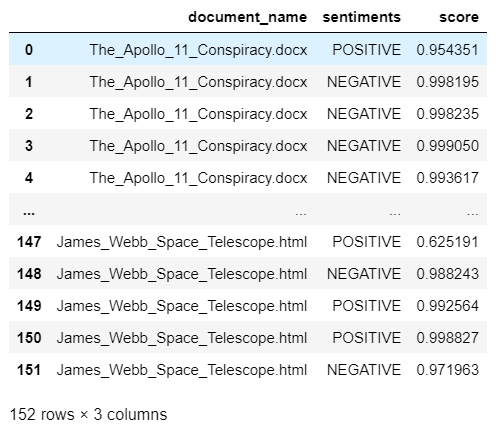
**1)**



**2)**



**Sentiment DataFrame:**



**2. Model:** Distilbert-base-uncased-finetuned-sst-2-english

**Sample data:**

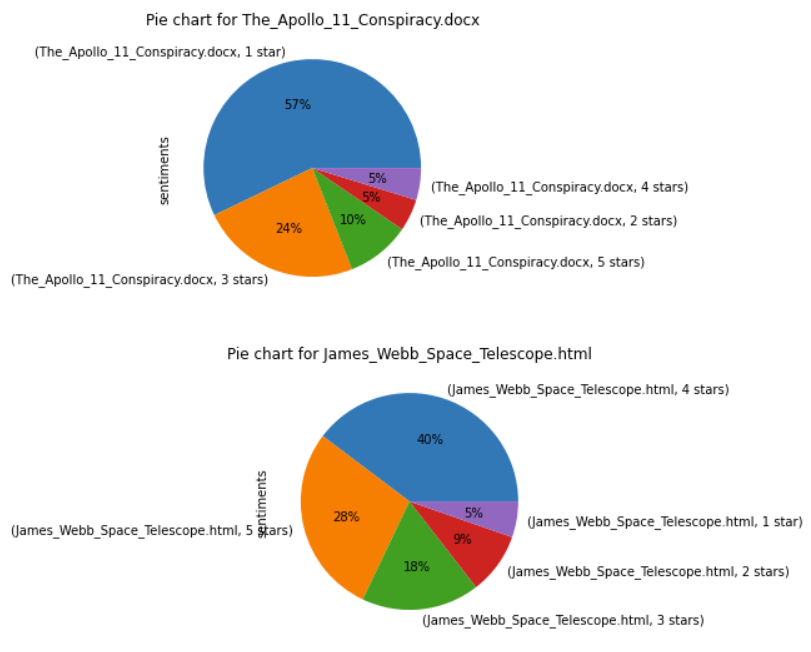
1. The\_Apollo\_11\_Conspiracy.docx (Size 14.5kb)
2. James\_Webb\_Space\_Telescope.html (100 kb/ 9200 words approx.)

**Execution time:**

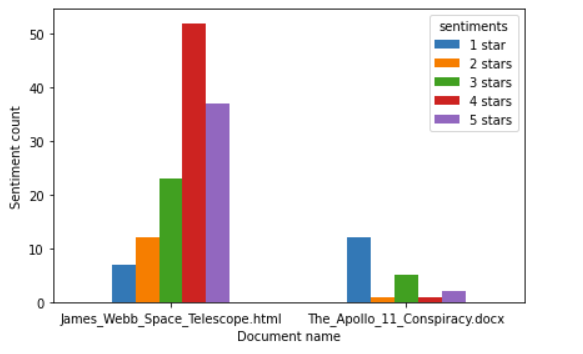
Sentiment analysis for The\_Apollo\_11\_Conspiracy.docx completed in 4.31 seconds for James\_Webb\_Space\_Telescope.html completed in 10.88 seconds

**Plots:**

**1)**



**2)**



**Sentiment DataFrame:**

