

1. The Beatles

Who wrote The Beatles' "In My Life"?

https://www.eurekalert.org/pub_releases/2018-07/asa-lom072718.php

John and Paul disagreed over who wrote the music for this song, but researchers trained a Bayesian classification model on 70 Lennon-McCartney songs where the authorship was known and concluded that... ?.

If time permits, also visit: <https://www.smithsonianmag.com/smart-news/statistics-offer-answer-decades-long-dispute-over-authorship-beatles-hit-180969804/>

2. The Lord of the Rings

The Lord of the Rings Project:

<http://lotrproject.com/statistics/books/sentimentanalysis>

Part of a larger project to visualize Tolkien's works, Emil Johansson of Sweden has analyzed the text in the Hobbit, LOTR, and Silmarillion using several methods, including ... ?.

For comparison, see: <https://www.r-bloggers.com/sentiment-analysis-of-the-lord-of-the-rings-with-tidytext/>

3. Billboard Top 100

What can song lyrics tell us?: <https://towardsdatascience.com/what-songs-tell-us-about-text-mining-with-lyrics-ca80f98b3829>

This project performs what kind of analysis on the top 5 songs released by the top 100 artists on the Billboard chart?

If time permits, also visit: <https://michaeljohns.github.io/lyrics-lab/>

4. Early American Cookbooks

Early American Cookbooks project:

https://wp.nyu.edu/early_american_cookbooks/tag/topic-modeling/

This project exhibits a collection of 1450 cookbooks and government publications (such as cooking manuals) published in the US between 1800 and 1920. What algorithm do they use to analyze the text of the books in this collection?

5. New York Times

How did the media cover Trump during his campaign:

<https://hookedondata.org/topic-modeling-the-new-york-times-and-trump/>

This piece examines 2,200 NYT articles about Donald Trump from 2015-2016, using what algorithm?

For a more general look at topics in NYT articles, see:

<https://towardsdatascience.com/topic-modeling-for-the-new-york-times-news-dataset-1f643e15caac>

6. JK Rowling

How did one researcher discover that JK Rowling was the author of *The Cuckoo's Calling*?: <https://languagelog ldc.upenn.edu/nll/?p=5315>;

See also <https://www.chronicle.com/article/The-Professor-Who-Declared/140595/>