

## Project 3: Project Write Up

I wanted to compare three of Edgar Allen Poe's works as he has always been one of my favorite authors. I chose Cask of Amontillado, The Fall of the House of Usher, and The Raven. I first found all of the words in the stories, listing them from most common to least common.

In Cask of Amontillado, the most common words are:

- 'the' - showing up 310 times
- 'of' - showing up 186 times
- 'to' - showing up 123 times
- 'and' - showing up 122 times
- 'a' - showing up 113 times

Some of the most uncommon words, all showing up once, are:

- 'displacing'
- 'accosted'
- 'Fairbanks'

In The Raven, the most common words are:

- 'the' - showing up 611 times
- 'of' - showing up 406 times
- 'and' - showing up 289 times
- 'a' - showing up 201 times
- 'to' - showing up 174 times

Some of the most uncommon words, all showing up once, are:

- 'plainly'
- 'sheeted'
- 'greenest'

In The Fall of the House of Usher, the most common words are:

- 'the' - showing up 694 times
- 'of' - showing up 527 times
- 'and' - showing up 300 times
- 'a' - showing up 204 times
- 'to' - showing up 192 times

Some of the most uncommon words, all showing up once, are:

- 'west'
- 'alleviation'
- 'fascinate'

I also wanted to see the sentiment in each of the stories. Poe's work tends to be very dark, so I was expecting the sentiment to be largely negative. However, I was surprised to find that this was not the case. It was mostly positive! Which now I think might have something to do with how the vader sentiment analyzer analyses only words and can't tell the overall feel of the piece.

Cask of Amontillado:

{'neg': 0.074, 'neu': 0.805, 'compound': 0.9998, 'pos': 0.122}

The Raven:

{'neg': 0.082, 'neu': 0.787, 'compound': 1.0, 'pos': 0.131}

Fall of the House of Usher:

{'neg': 0.099, 'neu': 0.8, 'compound': 0.9809, 'pos': 0.101}

If going on with this project I would like to compare the three stories in more depth, and potentially analyzing the writing style of Poe (word choice, etc.) over time.