MA615 Assignment 4 - Task Two

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Sentiment Analysis

After conduct three lexicons, I select "bing" lexicon to conduct the word-level sentiment analysis.

1. The "Afinn" lexicon will return a numeric socre between -5 and 5

2. The "Bing" and "Nrc" lexicons will return a binary class (positive and negative)

Firstly, I indexes all the words in the order along the timeline of the book. Then, I cut them into several ~300 blocks. And I just count the number of positive words and number of negative words separately. Finally, use the difference as the level of sentiment and plot it.

The data structure utilize to stored the text are list and tibble.

And the statistic information like count is storead as a new column of tibble..