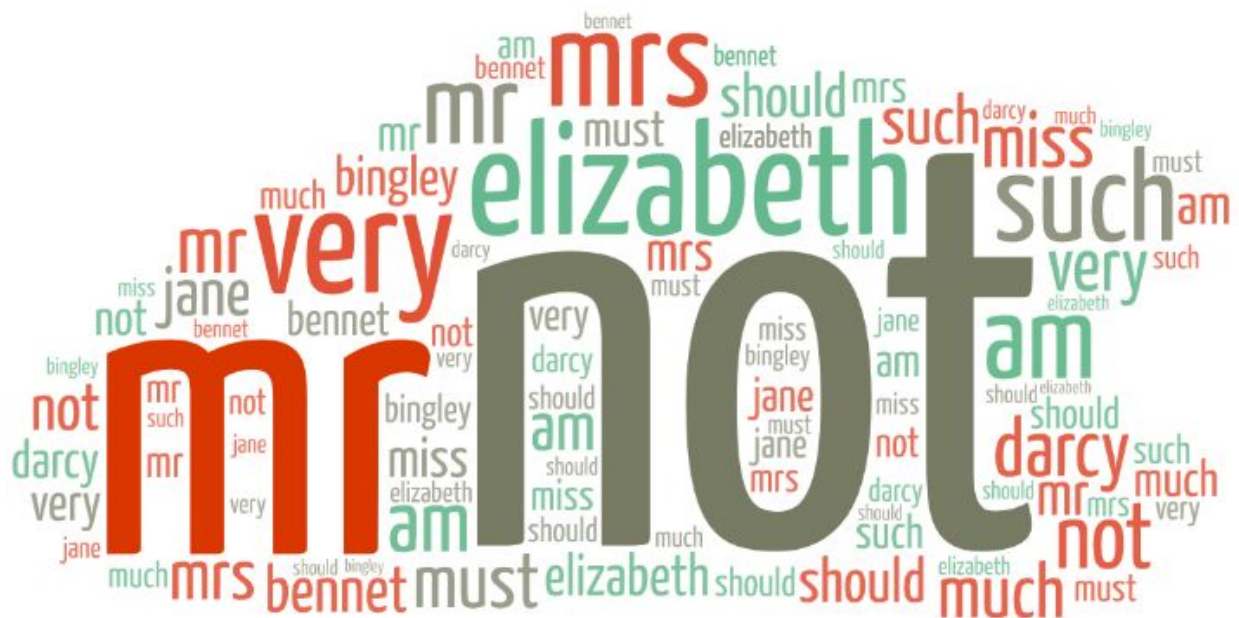


- i. 'Pride and Prejudice' by Jane Austen.
- ii. There are 121,941 words
- iii. There are 6,519 unique words.
- iv. 20 most frequent words in the novel
 1. 'the', 4321
 2. 'to', 4130
 3. 'of', 3600
 4. 'and', 3527
 5. 'her', 2223
 6. 'i', 2051
 7. 'a', 1939
 8. 'in', 1863
 9. 'was', 1843
 10. 'she', 1703
 11. 'that', 1567
 12. 'it', 1525
 13. 'not', 1426
 14. 'you', 1356
 15. 'he', 1332
 16. 'his', 1267
 17. 'be', 1240
 18. 'as', 1180

19. 'had', 1176
20. 'with', 1052
- v. 20 most INTERESTING frequent words in the novel
 1. 'not', 1426
 2. 'mr', 783
 3. 'elizabeth', 596
 4. 'very', 485
 5. 'such', 387
 6. 'darcy', 374
 7. 'mrs', 343
 8. 'much', 328
 9. 'am', 317
 10. 'must', 308
 11. 'bennet', 294
 12. 'miss', 283
 13. 'jane', 264
 14. 'bingley', 256
 15. 'should', 248
 16. 'herself' 227
 17. 'before', 226
 18. 'never', 220
 19. 'though', 220
 20. 'soon', 216

Word Cloud of 20 most frequent interesting words:

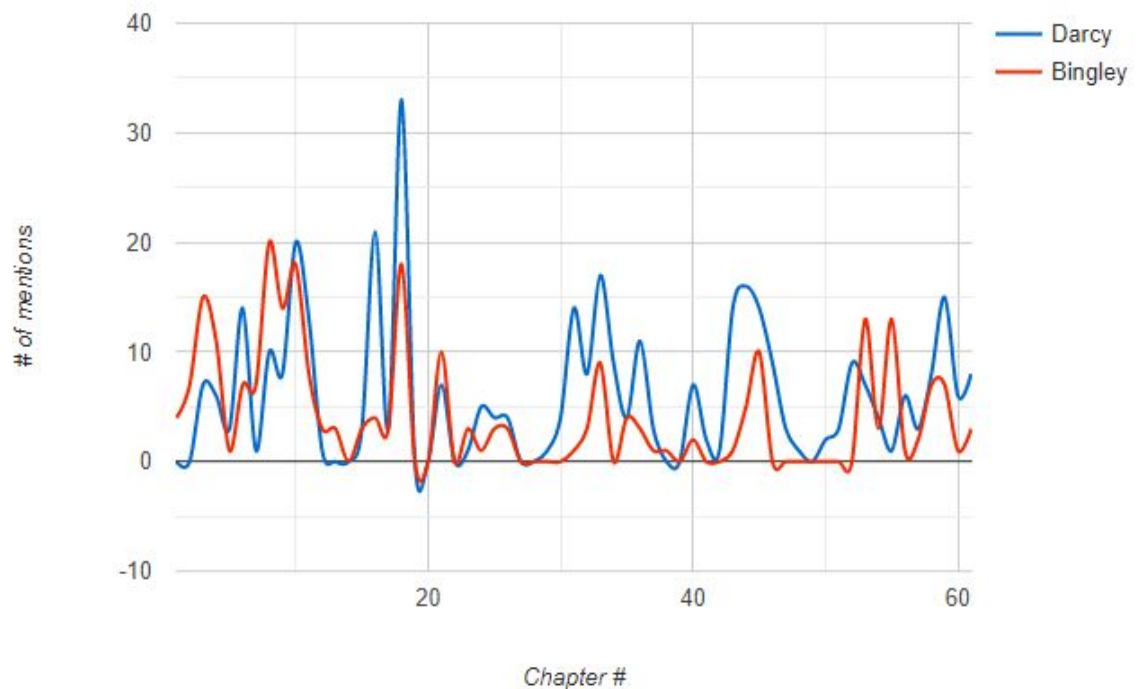


- vi. 20 least frequent words in the novel including the number of times they were used
 1. 'witnessing', 1
 2. 'wits', 1

3. 'witty', 1
4. 'wives', 1
5. 'witticisms', 1
6. 'womanly', 1
7. 'woe', 1
8. 'writes', 1
9. 'wont', 1
10. 'yards', 1
11. 'yawning', 1
12. 'womens', 1
13. 'york', 1
14. 'work-bags', 1
15. 'wretchedly', 1
16. 'writing-table', 1
17. 'yawned', 1
18. 'youths', 1
19. 'worthlessness', 1
20. 'youll', 1

vii. Frequency of words by chapter

1. Darcy - [0, 0, 7, 6, 3, 14, 1, 10, 8, 20, 13, 1, 0, 0, 3, 21, 3, 33, 0, 0, 7, 0, 1, 5, 4, 4, 0, 0, 1, 4, 14, 8, 17, 9, 4, 11, 3, 0, 0, 7, 2, 1, 14, 16, 14, 9, 3, 1, 0, 2, 3, 9, 7, 4, 1, 6, 3, 8, 15, 6, 8]
2. Bingley - [4, 7, 15, 11, 1, 7, 7, 20, 14, 18, 8, 3, 3, 0, 3, 4, 3, 18, 0, 0, 10, 0, 3, 1, 3, 3, 0, 0, 0, 0, 1, 3, 9, 0, 4, 3, 1, 1, 0, 2, 0, 0, 1, 5, 10, 0, 0, 0, 0, 0, 0, 0, 0, 13, 3, 13, 1, 2, 7, 7, 1, 3]



By looking at the frequency of both Darcy and Bingley, we can get a sense of when Mr. Darcy begins to become of more interest than Mr. Bingley. At the beginning, Mr. Bingley is more interesting, but then Mr. Darcy becomes more interesting and becomes a more prominent character than Bingley for the rest of the book, except for a little bit at the end.

- viii. `getChapterQuoteAppears()` - "When I have a house of my own, I shall be miserable if I have not an excellent library." is found in Chapter 11.
- ix. The randomly generated sentence from your `generateSentence()` method
 1. the other particulars of the drawing-room window to let me the expression of sleep all my conscience on all for
 2. the absence of nothing the distance and elevating passion to mr darcy smiled elizabeth with all astonished was convinced her
- x. I also made a `generateSentence()` method that doesn't choose the word randomly, but instead chooses the word that most frequently comes after it. When I first implemented the method, the sentences almost always became loops because if the same word is encountered twice, a loop will start (ex: the whole of the whole of the whole of the... happens whenever 'the' is found). Then, I modified the method so it saves in a dictionary the words that have been used already after a word. So, the key 'the' would have as one of its values 'whole'. So, when I encounter 'the' again, I don't choose the word 'whole' and instead choose the next most frequent word Austen uses after 'the' that isn't 'whole'. Here are a few of the sample sentences:
 1. the whole of the same time to be in the room and the world and i am sure i have
 2. mr darcy was not be in the whole of the same time to be so much as to her sister

