

CSC143 Assignment Three

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Sentiment Analysis

DEMO MODE OUTPUT:

Welcome to the book analyzer.
You may analyze your own files or type "demo" after the prompt to see a demonstration.
Please enter the filename and extension of the book ("example.txt"):
Type "done" when you're finished adding files.
demo
[Macbeth.txt, MuchAdoAboutNothing.txt, OliverTwist.txt]
Macbeth.txt has 17737 words.
In 14ms, Macbeth.txt was determined to be a a boring book with 1.97% positive words,
1.91% negative words, and 96.12% neutral words.
(350 positive words)
(339 negative words)
(17048 neutral words)
The most common word between Macbeth.txt and posWords.txt is good, occurring 42 times.
The most common word between Macbeth.txt and negWords.txt is strange, occurring 13
times.
Total execution time: 332ms.

MuchAdoAboutNothing.txt has 22081 words.
In 5ms, MuchAdoAboutNothing.txt was determined to be a comedy with 2.63% positive
words,
1.6% negative words, and 95.77% neutral words.
(581 positive words)
(354 negative words)
(21146 neutral words)
The most common word between MuchAdoAboutNothing.txt and posWords.txt is good,
occurring 89 times.
The most common word between MuchAdoAboutNothing.txt and negWords.txt is hang,
occurring 12 times.
Total execution time: 399ms.

OliverTwist.txt has 157981 words.
In 22ms, OliverTwist.txt was determined to be a tragedy with 2.23% positive words,
2.53% negative words, and 95.24% neutral words.
(3520 positive words)
(4001 negative words)
(150460 neutral words)
The most common word between OliverTwist.txt and posWords.txt is great,
occurring 232 times.
The most common word between OliverTwist.txt and negWords.txt is poor,
occurring 83 times.
Total execution time: 865ms.

INTERACTIVE MODE OUTPUT:

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Welcome to the book analyzer.
You may analyze your own files or type "demo" after the prompt to see a demonstration.
Please enter the filename and extension of the book ("example.txt"):
Type "done" when you're finished adding files.
MobyDick.txt
Added.
Please enter the filename and extension of the book ("example.txt"):
Type "done" when you're finished adding files.
WarAndPeace.txt
Added.
Please enter the filename and extension of the book ("example.txt"):
Type "done" when you're finished adding files.
done
[MobyDick.txt, WarAndPeace.txt]
MobyDick.txt has 215823 words.
In 33ms, MobyDick.txt was determined to be a tragedy with 2.32% positive words,
2.49% negative words, and 95.19% neutral words.
(5016 positive words)
(5367 negative words)
(205440 neutral words)
The most common word between MobyDick.txt and posWords.txt is like, occurring 564
times.
The most common word between MobyDick.txt and negWords.txt is poor, occurring 100
times.
Total execution time: 841ms.

WarAndPeace.txt has 566309 words.
In 46ms, WarAndPeace.txt was determined to be a a boring book with 2.1% positive
words,
2.15% negative words, and 95.75% neutral words.
(11898 positive words)
(12196 negative words)
(542215 neutral words)
The most common word between WarAndPeace.txt and posWords.txt is like, occurring 691
times.
The most common word between WarAndPeace.txt and negWords.txt is enemy, occurring 146
times.
Total execution time: 2106ms.
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