Word Prediction

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Word Prediction Algorithm

The developed word prediction is based on the ngram technique.

The ngram technique calulates the probability for the next word based on the frequency of word combinations in existing text examples.

It our case the ngram algorithm is based on english language coming from twitter, blog and news data.

Demo Available

A demo is available on Shiny:

https://elkfield.shinyapps.io/Text_Prediction/

How the app works

- ▶ On the left hand side it is possible to choose on what data the algorithm is built.
- ▶ In the main window there is a textbox in which it is possible to enter a word or a phrase.
- ▶ Directly under the textbox there will appear the predicted next word including the entered beginning of the phrase.
- ▶ Additionally the three most likely words are also shown together with their probabilities

Thank you

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