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Link to my Jupyter Notebook

# TEXT Mining: CONVERTING UNSTRUCTURED DATA INTO MEANINGFUL DATA

We will be focusing on Text mining. Start your search from here but remember this is only a starting point. You will NOT find all the answerers here and must research on your own.   
  
<https://www.predictiveanalyticstoday.com/top-free-software-for-text-analysis-text-mining-text-analytics/>

<https://www.swisstext.org/#presentations>

<http://arxiv-sanity.com/> or <https://arxiv.org/>  (use this to search for research papers) or try <https://www.researchgate.net/>  <https://datascience.codata.org/> <https://www.engpaper.com/> <http://www.academia.edu/Documents/in/Data_Science>  you can also look for white papers from know big corporation in the field such as IBM, Microsoft, etc. You always have the Douglas College library for further research.

Some of the major areas of text mining are.

* Evaluation of social media
* Semantic Analysis
* Chatbots
* Deep Learning for Text Analysis / Pattern Recognition
* Machine Translation
* Text Generation
* Information Extraction / Sentiment Analysis

Pick one of the areas above (or find someone new) and answer the following.

1. What are the tools used for the area you chose.
2. What are the applications of the area of text mining you chose (e.g. what are some applications of chatbots)?
3. Pick one algorithm being used by these tools / or generally in text mining and explain with examples.

## Executive Summary

## Analysing the algorithm

## Mathematical Model

## Practical Example

## Algorithm in Python environment

## Results

## When to use the HITS Algorithm

## Where NOT to use it

## Summary

# References