MATHEMATICAL COMPUTING LAB (WITH R) – 18XW47

Package Abstract

Topic:

Text Analytics using R

Members:

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Tool Used: R

Abstract:

The most common application of R is in Data Science. A prominent topic in Data Science is text analytics. Any type of interaction between human beings can be converted into text and can be analyzed to gained valuable insights. This project aims to do the same. Firstly, data (either from documents or from the internet or via scraping from websites) shall be obtained in the form of text. Next, the text shall be parsed into words. After parsing into words, insights such as sentiment (positive or negative connotation using packages such as sentimentr), word cloud, frequency count etc. will be deciphered. Finally, graphical representation of the resultant statistics will be provided.