

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

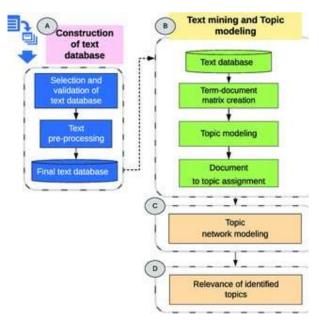
GEOGRAPHICAL UNDERSTANDING OF TWITTER HEALTH RELATED TOPICS BY USING TOPIC MODELLING ALGORITHMS

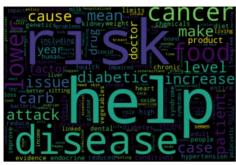
Objective

Understanding the medical situation beforehand in a user's locality using twitter social media and providing useful insights using an unsupervised ML algorithm used for analysing text data. This helps in taking early precautions preventing from any epidemic.

Methodology

Results





The system is developed to analyse text data using an algorithm called as latent Dirichlet allocation. This helps in categorizing words based upon their importances. This way it is easy to create a word cloud which helps in getting a deeper understanding of the ongoing medical situation.

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