

For consideration under COVID -19 Initiatives by NITs

Project Title: Impact of News on Social Media during Pandemic of COVID-19

Category: Data Analytics, AI to model epidemic patterns and disease dynamics

Abstract:

During the current pandemic of COVID-19, any diverse situation can be handled with calm and supportive behavior. News is an important media to convey information regarding preventing and controlling the spread of covid-19 in community. The news play very important role to control people's sentiment and to build the trust of people in such havoc situation. To achieve utmost results it is very important to identify and stop the spreading of the rumors. Therefore, it is very important to analyze and identify the impact of news on public sentiments. The approach will be proposed to identify the sentiment behind the news and to reform the content using natural language processing to reduce the negative impact in social sentiment in the various social and geographical clusters of the nation.

The project is to reduce the negative impact of COVID-19 news by collecting information from the social media network and natural language processing techniques to classify the news content with sentiment categories like chaos, panic, doubt, neutral, etc. and to regenerate the controlled news content with positive insights and public awareness.

Expected Outcome: Pandemic News Support System

Expected Time: 5 months

Remarks: Facilities are already available

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