Press Release

Group of research scholars and faculty at **Achutha Menon Centre for Health Science Studies(AMCHSS), wing of Sree Chitra Tirunal Institute for Health Sciences and Technology(SCTIMST)**, who have been working closely with governmental agencies and academic institutions on COVID-19 response in India developed an "Interactive dash board" to visualize the covid-19 situvation in India.

The purpose of this dashboard is to demonstrate the application of data science methods and epidemiological techniques to monitor and track the spread and offer insights into the transmission dynamics and progression of the COVID-19 epidemic in India.

It is developed as a proof of concept to demonstrate the application of data analytics, data visualization and advanced epidemiological methods in monitoring an infectious disease outbreak, generate evidence, and develop a decision support system to augment the current mitigation strategies.

It uses data from the API at COVID-19India.org. All data cleaning, manipulation, statistical analysis, and dashboard development were done using open-source software (R & R Studio). A blog exploring the scientific and public health implications of the dashboard is also available here.
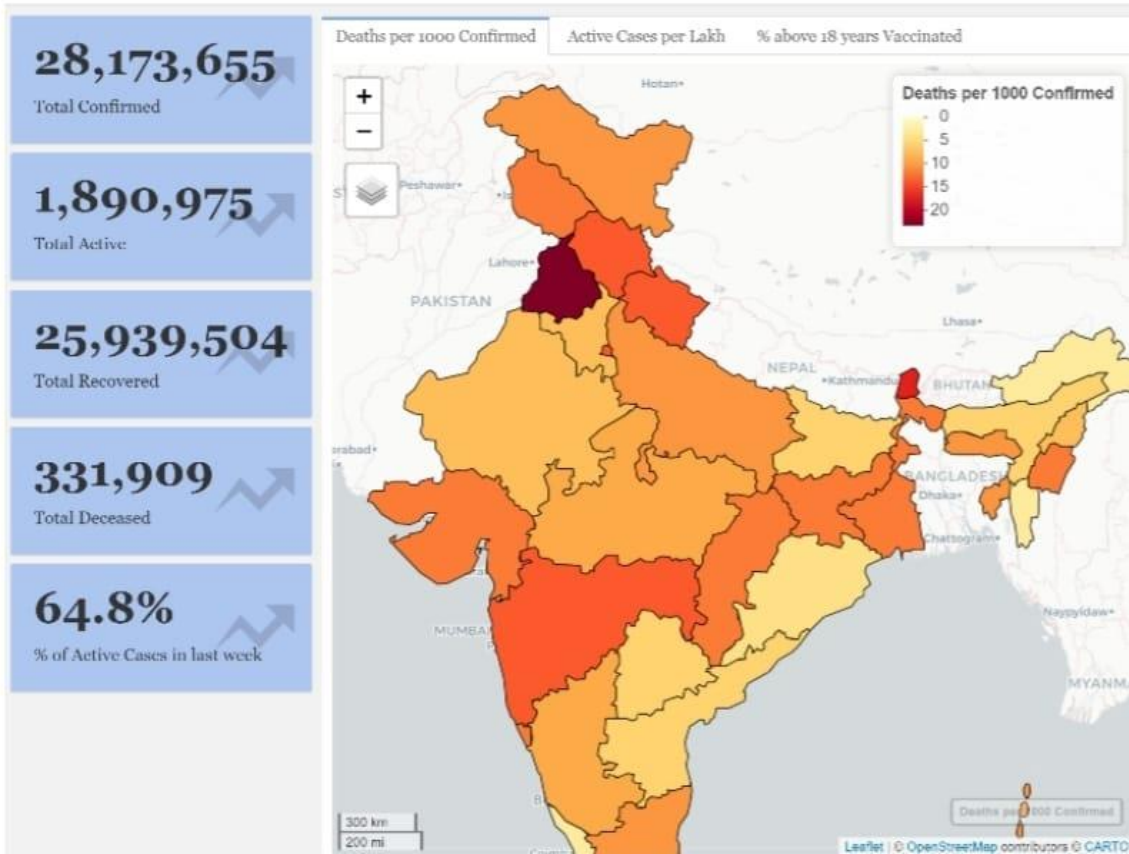
Team :

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Dr. Rakhal Gaitonde   Dr. Biju Soman

Prof.Sankara Sarma, Head of Achutha Menon Centre for Health Science Studies(AMCHSS) launched the "Interactive Dash Board".

https://amchss-sctimst.shinyapps.io/covid_dashboard/#section-about

28,173,655
Total Confirmed

1,890,975
Total Active

25,939,504
Total Recovered

331,909
Total Deceased

64.8%
% of Active Cases in last week

Deaths per 1000 Confirmed   Active Cases per Lakh   % above 18 years Vaccinated

Deaths per 1000 Confirmed
0
5
10
15
20

NB: (We would like to acknowledge all the people responsible for making this dashboard a reality. We would like to extend our thanks to the team at COVID-19India.org for their immense contribution by providing the data and making our work a reality.)