Learn how scientists quantify the intensity of an outbreak

In recent times, the media have been flooded with a plethora of information related to COVID-19, SARS-CoV-2, and various aspects of pandemics in general. Consequently, people are often introduced to unfamiliar concepts and terminologies that are relevant to the current situation, such as “flattening the curve”, and “R0” (R naught). To help people learn more about some of these concepts, and how data scientists approach pandemics, a webinar series on Data Science was organized by “Manav - The Human Atlas Initiative”, a collaborative project between DBT’s National Centre for Cell Science (DBT-NCCS), IISER-Pune and Persistent Systems on 7th May 2020.

The series was kick started with a webinar on “R0: How scientists quantify the intensity of an outbreak”. The first of a two-part webinar on this topic was presented by Dr. PranayGoel, Associate Professor at IISER-Pune, on 30th April 2020. The second part of this webinar was held 7th May, 2020, at 3:00pm in the afternoon. The webinar was open to all and free, and interested science enthusiasts were invited to participate. The first part was attended by many students, whose enthusiastic participation in a Q&A session after the webinar is a testimony to the success of the webinar. The second session was also meant to be interactive, to enable the participants to engage in a fruitful dialogue with the speaker. The “Manav” initiative is funded by the Department of Biotechnology (DBT), Government of India, and co-funded by Persistent Systems.

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