

Final Project: Preliminary Proposal

Sreeja Vishaly Manohar

Coronavirus has shifted various paradigms in the world since the start of this year. To this day, we are planning and performing our daily work with uncertainty. A single source of information which can provide insights on how this is going to develop in the coming months will be greatly useful to the community in starting the rebuilding efforts and maintain a smooth transition. Answers to questions like the ones below could give us a starting point

- How the infection rate is going to reduce in the future based on the current trends?
- Has death rate due to infection decreased significantly from earlier days?

This project aims to provide answers to similar question that could help us gain better insights into the future. It is vital because business, economy and pretty much everything in the world is affected as a result of this pandemic and gaining better insights could help us be prepared.

The project will make use of data provided from *Our World in Data*, which provided a Coronavirus Source dataset - <https://ourworldindata.org/coronavirus-source-data>. All data from *Our World in Data* is completely open access and all work is licensed under the Creative Commons BY license. We have the permission to use, distribute, and reproduce in any medium, provided the source and authors are credited. The dataset will help attain the goal of this project as it contains metrics on daily cases and deaths which will help us forecast our insights.