

Term Project Proposal Information CS6220

Spring 2020

Team Members: Aakanksha Duggal, Harshal Savla and Priyanka Debnath

- What we plan to do
 - Dataset:
 - The dataset that we'll be using for this project is an aggregated version of the 2019-nCoV dataset collected by Johns Hopkins University.
 - The 2019-nCoV is a contagious coronavirus that hailed from Wuhan, China. This new strain of virus has struck fear in many countries as cities are quarantined and hospitals are overcrowded. This dataset will help us understand how 2019-nCoV is spread around the world.
- How we plan to approach it
 - Timeline
 - Mar 01- Mar 07 : Study the data and figure out what all algorithms can be applied to make appropriate observations and visualizations
 - Mar 08 - Mar 21 : Conduct statistical analysis and plots which show helpful trends to understand the spread of the virus in countries around the world better over a given period of time
 - Mar 21 - Apr 02 : Consult and discuss on the future scope of the visualization results
 - Apr 02 - Apr 10: Make presentation and prepare final results
- What our final deliverable will be:
 - A python notebook with insights, predictions and observations regarding the worldwide spread of the Corona Virus pandemic.