Project proposal

In this project I will be working with coronavirus cases and deaths data.

There are two parts to this project:

1) I want to compare data from united states with Italy and Spain and also predict the number of cases and deaths based on data from Italy and Spain.

   Data:

   USA data: https://github.com/nytimes/covid-19-data/blob/master/us-states.csv

   Spain and Italy data: https://en.wikipedia.org/wiki/2020_coronavirus_pandemic_in_Italy & https://en.wikipedia.org/wiki/2020_coronavirus_pandemic_in_Spain

2) Due to pandemic, states at various dates have shut down all non-essential businesses, and this effects the economy. I would like to see the effect of number of coronavirus cases on the economy by looking at S&P 500 stock market index.

   Data:

   S&P 500 index: World Trading Data is a great database collecting financial prices from all over the world. I would collect data using their API.

   Other source: https://finance.yahoo.com/quote/%5EGSPC/history?p=%5EGSPC

Notes:

1) All the datasets offer live and updated data
2) The Focus here would be to present this data in most interesting way using tables, plots and maps.
3) I have given another source for stock market index data since I haven't yet tried to get data from World Trading Data API, and I am not 100% sure about obtaining data from it.