Covid Dashboard-CoTrack

Language Used – Python, CSS

Modules Used –

1. Dash: Used for developing graphical user interface
2. Plotly: Used for data representation by plotting different types of graph
3. Pandas: Used for data manipulation and analysis
4. Dash Bootstrap: Framework used for styling

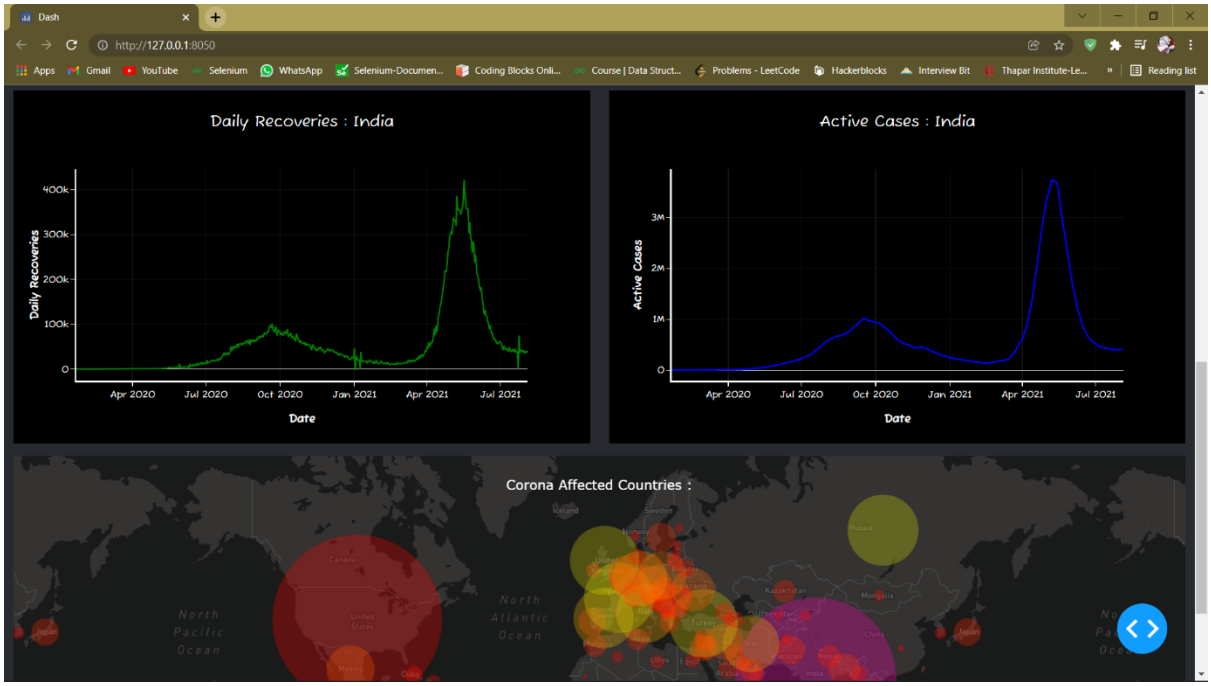
Tools Used –

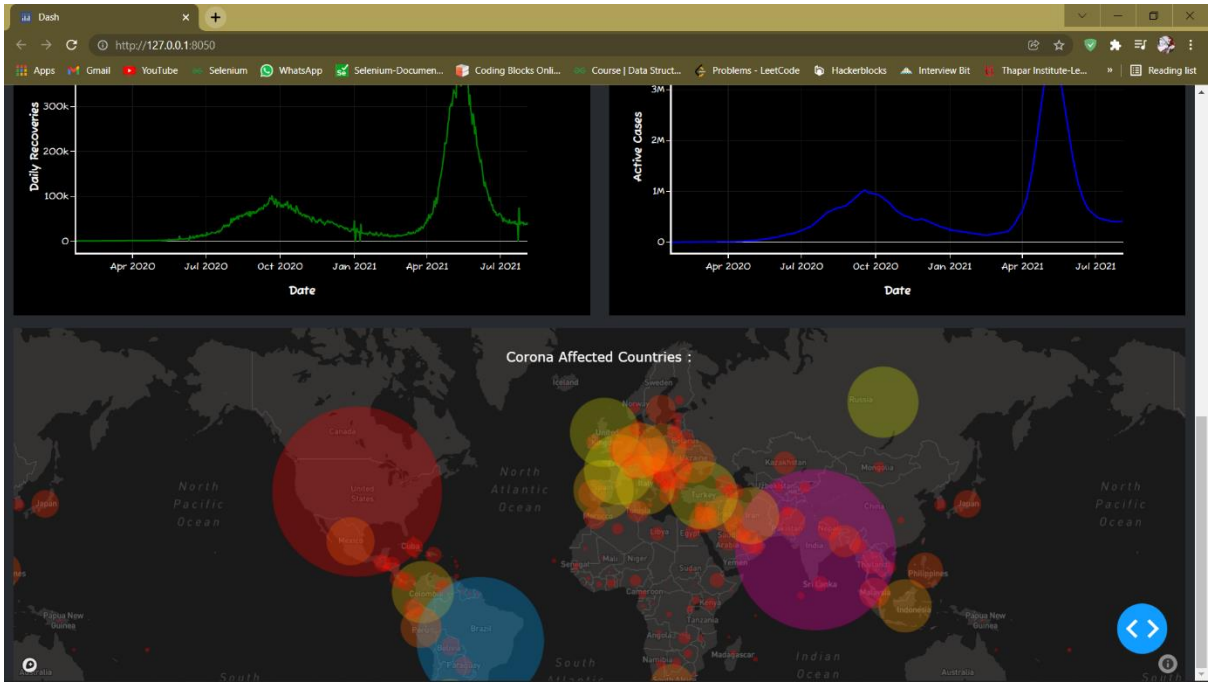
1. Pycharm
2. Mapbox

Dataset Links –

https://drive.google.com/drive/folders/1dLX7YOtkHMhwNmRkMvAmDxRPLJ0VoT_A?usp=sharing

Dashboard Screenshots –


Dash
http://127.0.0.1:8050
Apps
Gmail
YouTube
Selenium
WhatsApp
Selenium-Documen...
Coding Blocks Onli...
Course | Data Struct...
Problems - LeetCode
Hackerblocks
Interview Bit
Thapar Institute-Le...
Reading list
Daily Recoveries : India
Daily Recoveries
400k
300k
200k
100k
0
Apr 2020
Jul 2020
Oct 2020
Jan 2021
Apr 2021
Jul 2021
Date
Active Cases : India
Active Cases
3M
2M
1M
0
Apr 2020
Jul 2020
Oct 2020
Jan 2021
Apr 2021
Jul 2021
Date
Corona Affected Countries :
North Pacific Ocean
North Atlantic Ocean
Canada
United States
Mexico
Cuba
Iceland
Sweden
Russia
Kazakhstan
Mongolia
China
Japan
Turkey
Libya
Egypt
Saudi Arabia
India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North Atlantic Ocean
Indian Ocean
South Atlantic Ocean
Canada
United States
Mexico
Cuba
Brazil
Iceland
Sweden
Russia
Kazakhstan
Mongolia
China
Japan
Turkey
Libya
Egypt
Saudi Arabia
India
Philippines
Indonesia
Papua New Guinea
Australia

Introduction

CoTrack is an interactive tool use to help track, analyse and display data. It tells you the global stats and the new daily stats of a particular country. These stats include New cases, deaths, recoveries and active cases. CoTrack also shows the graphical representation of these stats. It also shows a global map representing how badly the countries are affected.

Graphical Analysis

1. Pie Chart: It compares the confirmed cases, recoveries, deaths, and active cases of the selected country.

2. Line Charts: There are four line charts:
    - Representing new daily cases
    - Representing daily deaths
    - Representing active cases on that date
    - Representing daily recoveries

3. Mapbox: Represents how badly each country is affected from corona.