**Project Name:** Data Visualization-covid

**Aim:** Project aim is to visualize data such as changes in data with respect to date, cases, months etc.

**Keywords:** Python, Numpy, Pandas, Matplotlib, Seaborn, color palette.

**Summary:** The project involves covid-19 datasets in order to plot some graphs with the help of which people might get certain idea about corona death rates, recovery rates, cases recorded in particular months, what all symptoms highly recorded that increase chances of covid and so on. We had used some of the python data visualization libraries like pandas, Numpy, Matplotlib, seaborn.

***An overview of plots and maps in project-***

* Line plot – dates v/s death, showing deaths in different dates.
* Line plot – dates v/s recovery, showing recoveries in different dates.
* Line plot – dates v/s cases, showing cases recorded in different dates.
* Sub plot – dates v/s cases, deaths, recovery, single graph for three different plots.
* Pie plot- for comparison of death, recovery, active cases, overall cases in percentage.
* Bar plot- showing symptoms of corona virus in percentage.
* Comparison plots between cases and recovery rate, cases and death rate, recovery and death rate.
* Bar plot – showing corona cases in different age groups.
* Bar plot - showing testing in different states.
* India map displaying deaths, recovered cases and new cases in different states.