**Project Name:** Data Visualization-covid

**Aim:** Project aim is to visualize data such as changes in data with respect to sudden things.

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

**Summary:** This project is generally about visualization of data. The data used in this project is covid-19 data, consisting of deaths, recovery, death rate, recovery rate, cases recorded etc in various states of India recorded in different months. We had plotted various plots such as line plot, scatter plot, pie chart, subplots etc. and styled the plots using color palette. We had also drawn a India map using longitude, latitude and displayed data on it.

***Different plots 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.