COVID19 DATASET VISUALIZATION

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Problem Statement:

Take any dataset related to Covid-19 and create a Visualization dashboard

Motivation for the Project:-

I chose this project because this project will help to show covid19 cases in different countries in an Easier way in the form of graphs and pie charts

Tools and languages used:

I have written the code in python language, and I have used Google colaboratory to write my code. Some python libraries:
numpy: Is a Python library that provides a multidimensional array object
svr :examines the linear relationship between two continuous variables
pandas : pandas is a fast, powerful, flexible and easy to use open source data analysis and manipulation tool

Methodology followed:

Dataset:

The first step of making the project started with finding a suitable dataset on I could work on. The dataset which I found is a dynamic and live dataset which gets updated daily as the new cases are confirmed.
The live dataset helps my visualization of the dataset to be up to date and accurate.
Here is the picture of my dataset:

Then I have imported my data and then after reading the data i have tested my data against SVM predictions and Polynomial regression predictions
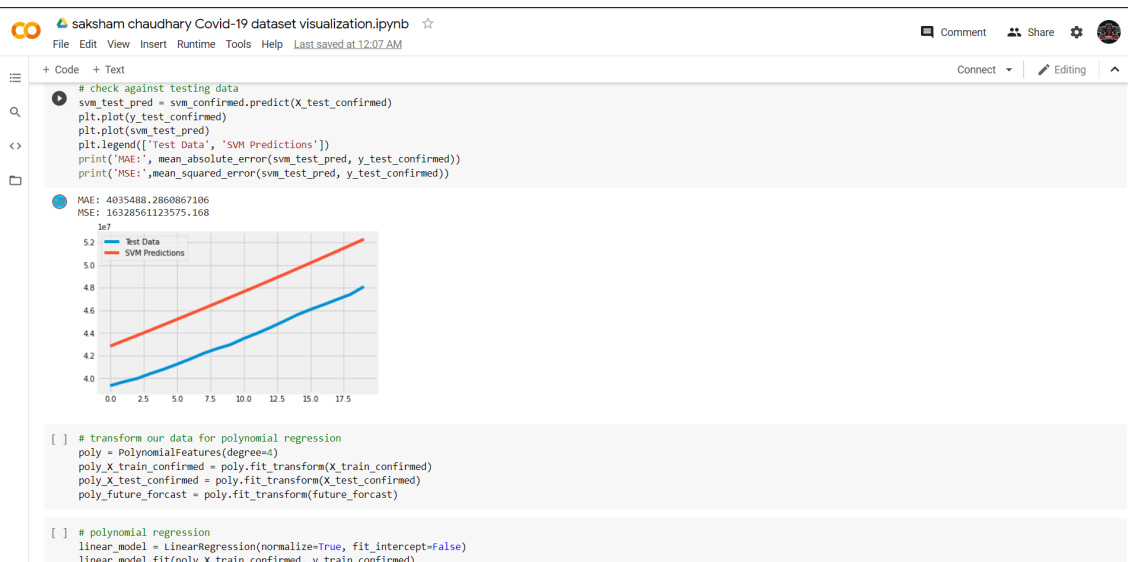
Plotting Graphs

After testing I have plotted the graphs showing confirmed cases, death cases and recovered cases of coronavirus in the world. Similarly I have plotted the same three graphs for some countries showing data of each country.

Then a list is showing the confirmed cases, death cases ,recovery cases and active cases of all countries in tabular form.

Then a pie chart displays the no of confirmed cases in some particular countries

Things I have learned

i have learned how to implement the data generated by humans effectively in machine learning models.