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Introduction

About the Project:

The EDA project I am working on is related to the data of number of vaccinations conducted by various countries on our global map . Through this I wish to achieve the following objectives:

- Which country has the maximum number of vaccinations and which one has the least.
- Which country lacks the resources and technology to conduct vaccinations and need the help of other countries .
- Which country is excelling at vaccinating its population and which country is improving its speed of vaccination.
- Find out which vaccines are available to be used by people of those countries and which country is producing them and at what cost.

Project Objective:

- ❖ Use jupyter notebook and the knowledge of python to help me in analysing the data correctly as well producing graphs and other figures helping .
- ❖ Trying to find solutions to problems that arise during the study of the following dataset and also try to find a way to rectify the same.

- ❖ Trying to find Major insights in the dataset that may help me in finding out some major things in the dataset as well as in finding a solution for the found problems
- ❖ Develop good coding habits:
 - Use separate code files for different classes and find out what each class and elements is used for thus improving knowledge of the language itself
 - Using precise use of functions and attributes thus clearing concepts.
 - Use comments wherever necessary so as to help the reader as well in understanding the graphs and data without creating a problem .
 - Learn proper use of all libraries in python that can be used to call different functions.

Time Consumed During the Project:

We were given details about the project during the first few weeks of our semester along with the introduction of the Course and I would also like to thank my Teacher Mr. Abhijeet Dutta and Ms. Abhinaya for helping me whenever I needed their help during the whole semester along with my doubts related to the topics.

Summary

During the project I was able to clear my doubts and also clear most of the concepts taught to us during the semester along with gaining a insight on how to use the skills we are taught about by practicing and gaining experience from hands on skills basis which also helped me in better understanding of the dataset as well as taught me how to pick questions from a particular dataset and find clues and answer for various queries along with surveying the data for finding new things such as Not so Common points which cannot be picked up from the dataset without complete analysis .The dataset I used described about the situation of vaccination in other countries of the world amongst their own population.

I found out a few interesting things in the dataset such as the monopoly of some developed nations which were able to produce vaccinations due to their scientific development and how they are looting money from underdeveloped countries , also the lack of

awareness is causing a decline in the vaccination program of the countries .

The prices of vaccines is also higher due to the cost of the importing vaccines from different countries also due to the lack of proper scientific equipment some vaccines are wasted hence causing loss of money as well as resources .