Second Assigment (Data Science)

Due to: 15 Nov 2023

EDA & Data Visualization

This assignment needs you to be as creative and curious as you can! Unfortunately, our lives have been deeply affected by the coronavirus over these past three years. An important goal of data mining is to understand the patterns and trends in the data and extract knowledge and facts from the raw data. It is clear that with the proper analysis and insightful knowledge of the data, we can make better decisions and inform societies so we can get past this pandemic.

In this assignment, you will be tasked to first clean the data, e.g. remove the outliers and null values properly, and then perform EDA on the data. Your work will be graded based on the quality of the cleaned data, insightful visualizations, and the distilled knowledge that it represents. (to obtain additional visualization ideas visit here). For this task, you need to use more complex visualizations (in comparison with the first assignment) and extract more complicated patterns in data.

Data

Click to download it!

Highly recommended refrences

You can use these two sites for finding your suitable plot with desire features.

1. python graph gallery

2. data-to-viz

NOTE: You should consider new creative visualizations for assigned tasks and answer them with proper methods. Once again, we emphasize the report; it should contain all your results

and your innovative findings. Use figures, pictures, and tables, and **DO NOT PUT ANY CODE IN THE REPORT.**