Major Project: Doctors Visit – Problem Statements

Note:

1. First, Read and Understand the meaning of each column
2. You can Write Python code on your IDE, visualize problem statements, copy and paste the visuals onto PPT (or) You can use any LLM like Julius AI / Powerdrill AI to complete visualization. Either is Good for completing the Project.
3. **Minimum of 3 Charts expected in the PPT**
4. **The Last date for submission of Major Project is on or before 18th November, 2024**
5. **The Major Project submission link is given in the group. Use the Link for submission. Do not submit anywhere.**

Problem Statements:

1. Number of Duplicates found in the Dataset
2. Find out Total number of People based on their count of illness.
3. Gender wise illness
4. Analyse Maximum, Minimum and Medium income People
5. Find the number of days of reduced activity of Male and Female separately due to illness.
6. Visualize, is there any missing values in the dataset using Heat map chart
7. Correlation between variables (means columns) of the dataset and identify which variables are mostly correlated.
8. Analyse how income of People affects the number of visits to the Hospital
9. Count and Visualize the number of Males and Females affected by illness.
10. Visualize the Percentage of People getting Govt. health insurance due to low income, due to old age. Also calculate the Percentage of People having Private Health Insurance.
11. Plot bar chart to analyse the reduced days of activity due to illness based on Gender
12. Relation between Health status and Activity reduction using heat map chart.
13. **Any Other Problem statement on Your Own is Welcome.**