**Assignment question: Data Analytics Part 2**

1. Explore the Doctor\_visit dataset using the following questions.

1. Load the dataset and display first 15 rows

2. Display complete information about the columns of the dataset such as Column name, Count, Data type and overall memory usage

3. Find out the total no: of people based on their count of illness

4. Visualize and analyze the maximum, minimum and medium income

5. Find out the no of days of reduced activity of male and female separately due to illness

6. Visualize is there is any missing values in the dataset based on a heat map

7. Find out the correlation between variables in the given dataset correlation between different variables

8.Analyse how the income of a patient affects the no 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 and also the percentage of people having private health insurance

11. Plot a horizontal bar chart to analyze the reduced days of activity due to illness based on Gender

**Note: Submit the solution as python notebook**