Topic: Data Visualization

Note:

* Use the dataset ‘Test\_data.csv’ for data visualization.
* You may need to impute missing cases.
* Write your comment on every chart/graph

1. Summarise ‘incomeLevel’ column from the dataset and represent using proper chart.
   1. Use counts
   2. Use percentages
2. Summarise ‘incomeLevel’ and ‘region’ columns together and represent the summary by proper chart.
   1. Use counts
   2. Use ‘region’ wise percentages
3. Find summary of data representing column-wise missing cases and represent the same by appropriate chart.
4. Find mean of ‘life.expectancy’ for Japan, India, China, Cuba and Denmark. Represent this data using Barplot.
5. Draw histogram for
   1. life.expectancy
   2. life.expectancy of incomeLevel= High income
   3. fertility.rate of incomeLevel = Low income
   4. population of region = Europe & Central Asia
6. Draw density plot for
   1. GDP.per.capita.Current.USD
   2. GDP.per.capita.Current.USD of country = Japan
   3. GDP.per.capita.Current.USD of region = South Asia
   4. GDP.per.capita.Current.USD of incomeLevel= High income
7. Draw boxplot for
   1. life.expectancy of region= Sub-Saharan Africa
   2. fertility.rate of incomeLevel = Low income and High income
   3. GDP.per.capita.Current.USD of income = Upper middle income
   4. population of region = East Asia & Pacific
8. Draw scatterplot for
   1. life.expectancy and GDP.per.capita.Current.USD
   2. life.expectancy and GDP.per.capita.Current.USD of region = Latin America & Caribbean
   3. life.expectancy and GDP.per.capita.Current.USD of income = Upper middle income
   4. fertility.rate and life.expectancy of country = India