

ASSIGNMENT : Matplotlib, Seaborn & Descriptive Statistics

1. Plot a line graph to check and compare trends between NA_Sales, EU_Sales, JP_Sales, Other_Sales, Global_Sales.
2. Plot a histogram to and find out how the global sales are distributed
3. Create graphs of your choice for interpreting the below: (Ensure all your Visualisations have all the basic elements of the graph anatomy, labels, colours, title, names and etc.,)
 - Temperature flow of diltiazem hydrochloride, ketamine hydrochloride & docetaxel injection throughout the day (Pick any day)
 - Pressure flow of diltiazem hydrochloride, ketamine hydrochloride & docetaxel injection throughout the day (Pick any day)
 - Comparison of Temperature and Pressure flow of all three drugs throughout a day (Pick any day)
4. Using Mckensey Dataset create pie chart to visualise the below: (Ensure all your Visualisations have all the basic elements of the graph anatomy, labels, colours, title, names and etc.,)
 - Contribution of each Continents towards World's population
 - Increase in India's population over years
 - Compare India , China & USA's GDP trend over the years.
5. Using Movies dataset find out the correlation between Popularity and Vote average with the help of Scatter graph. (Understand are they both positively or Negatively correlated)
6. Show a Bar graph showing the count of movies each director directed in Descending order and the split of those movies with respect to genres (Dodged bar chart)
7. Find out the Mean, Median & Mode of all the values in the survey.txt data.
8. Perform Exploratory Data Analysis on the Fitbit data.
(Find out Mean, Median, Mode, Range, IQR, Variance, Standard Deviation, Kurtosis & Skewness on all the continuous data of the dataset. And also understand which attributes are positively correlated to each other with the help of scatter plot)