CAUE603: Data Analytics – Lab Assignment - 4

Assignment-3 Based on Data Visualisation

- Use various properties of matplotlib and seaborn in your plot.
- Dataset to be taken: **titanic**

1.	Create BAR plot showing number of passenger by PCLASS Using Matplotlib, Using Seaborn library
2	Create LINE plot showing passenger fare by passenger class wise Using Matplotlib, Using Seaborn library
3	Create SCATTER plot showing passenger Age and survival relationship Using Matplotlib, Using Seaborn library
4	Create PIE plot showing number of passenger survive Using Matplotlib only.
5	Create HISTOGRAM of passenger ages Using Matplotlib, Using Seaborn library
6	Create a POWERBI DASHBOARD (Colorful) which has following things: a. Report which shows total number of passenger who are survived. b. Report which shows average age of passenger c. Report which shows total number of passenger of first class d. Report which shows total number of solo travelers (parch=0 and sibsp=0) e. Report which shows number of children's less than 10 years. f. Bar Plot/Graph which shows different groups of passenger age (use value count) g. Line Plot which shows passenger fare by passenger class h. PIE plot which shows Passenger rate of survival i. Location plot which shows the city of passenger who survive (use home.dest column)