Insights From Titanic Dataset

- Using .info(), there were missing values in column age, cabin, embarked
- No. of females were less (314) than no. of men (577)
- **Insights from heatmap :**
  -- There are many missing values in age column.
  -- SibSp and Parch are highly correlated
- **Insights from Countplot :**
  -- Males are more than female
  -- passenger belonging to class 3 are more in number as compared to class 1 and 2
  -- passenge having embarkation port S (S = Southampton)is most.
- **Insights from Histplot :**
  -- people of age group 20- 35 are most in number
  -- most common fare is in the range of 9-30

- **Insights from stacked bar plot :**

-- people who survived were females in majority , very few males though males were more in number.

- **Insights from boxplot :**
  -- Pclass1 have wider range of ages and highest median age including older passengers
  -- Pclass2 and Pclass3 includes younger people and their median age is also less as compared to Pclass1.
  -- Outliers were detected in SibSp, Parch, Fare, Age
  -- No outliers found in PassengerID, Survived, Pclass

- **Insights from barplot :**
  -- Younger People survived more
  -- Less number of people survived in older age.