Laboratory Experiment No. 3

Perform Exploratory Data Analysis (EDA) on the **"TITANIC"** dataset shared. Please make use of the information given in the *Dataset_Information file*.

Try to find below Exploratory Data Analysis (EDA) Steps

1. Identification of Missing Values.
2. Identification of All The Numerical Variables.
3. Distribution Of the Numerical Variables.
4. Identification of Categorical Variables.
5. Cardinality of Categorical Variables.
6. Identification of Outliers.
7. Relationship between independent and dependent variables.

Apart from the above EDA requirement you can add more processing of EDA which you think can be included. (Bonus marks would be there in each inclusion)

For each step please write your observation and at the end of Experiment please provide a precise conclusion.

Note :
1. Please submit a single PDF document with a continuous flow of code ,output, observation and conclusion.