In this project I have worked with the Titanic dataset.

The environment used for development is Google Colab. I have used machine learning libraries like: pandas, numpy, matplotlib, seaborn

Pandas for data manipulation, numpy for numerical operations, and matplotlib along with seaborn for potential data visualization. The Titanic dataset is loaded into a panda DataFrame, containing 891 rows and 69 columns. Each row represents a person information like fare, name, embarkment, sibling and spouse details, passenger class etc.

Built several graphs and heatmap for getting the corelation between datasets.

Performed Binary Logistic Regression on the dataset achieved good training and testing rate. Also tried the same using Artificial Neural Network.