Table

Description automatically generated

Here I have imported the functions like numpy, pandas, matplotlib.pyplot, seaborn, logisticregression and train\_test\_split. Then I have read the dataset and displayed the dataset.

Table

Description automatically generated

Here I have used the read() function for viewing the top five rows in the dataset.

Background pattern

Description automatically generated

Here I have displayed the values of outcome attribute by using the above command.

Text, email

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Chart, line chart

Description automatically generated

Here I have used logistic regression because it is important Predictive models built using this approach can make a positive difference in your business or organization. Because these models help you understand relationships and predict outcomes, you can act to improve decision-making. The output for the logistic regression will be in 0 and1. Here I have calculated the cost and the test accuracy.