**LOAN STATUS PREDICTION**

**Performance and Key Insights:**

* The accuracy score of the logistic regression classifier on the training data is 0.8032407407407407 i.e. **80%**
* The accuracy score on the test data is 0.8333333333333334 i.e. **83%**
* It could be understood that there are no issues of underfitting and overfitting.
* A high accuracy score on both the training and test data suggests that the logistic regression model is performing well and is likely to generalize to new data.
* The number of approved loans for males is higher than for females.
* The number of approved loans for married individuals is higher than for unmarried individuals.
* The number of approved loans for individuals with graduate education is higher than for those without a graduate education.
* The number of approved loans for self-employed individuals is lower than for non-self-employed individuals.