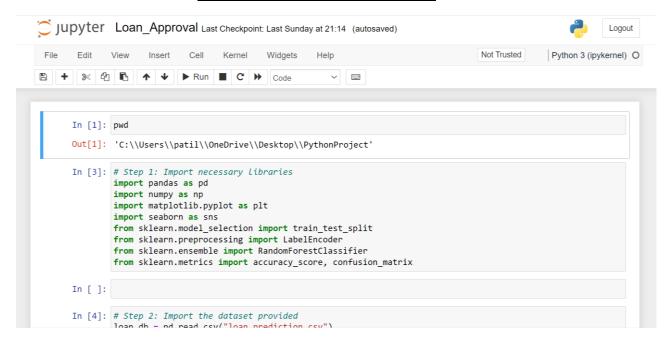
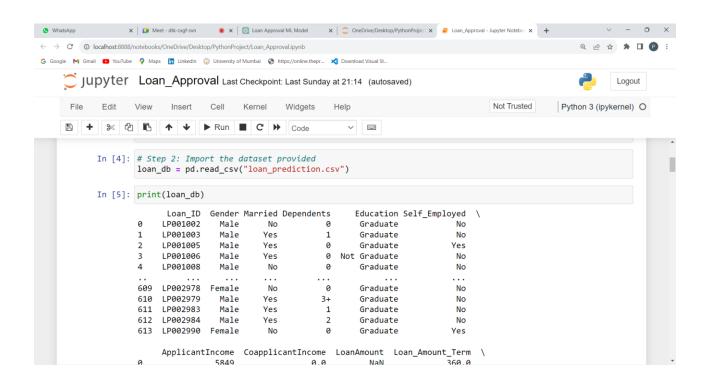
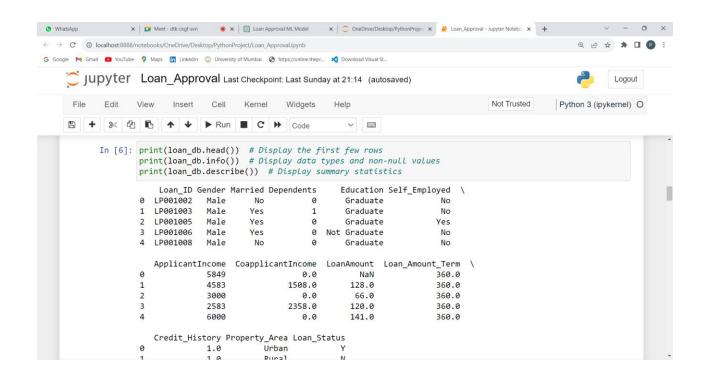
#### **MAJOR PROJECT**

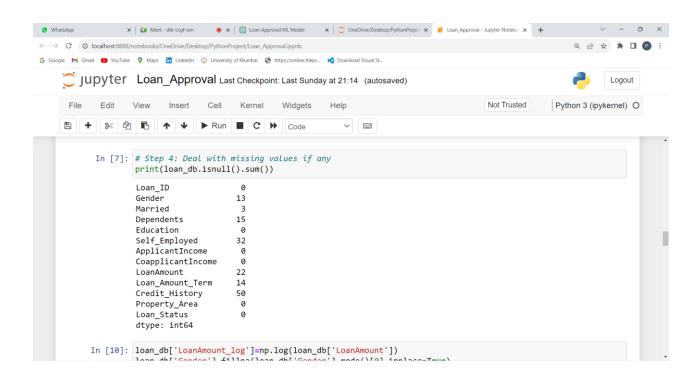
## **TASK 1:**

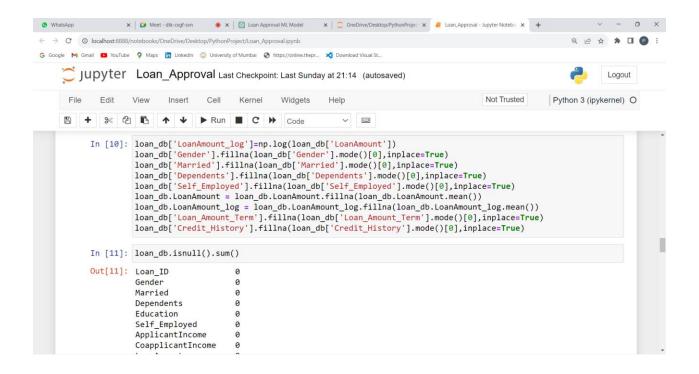
# **LOAN APPROVAL ANALYSIS**

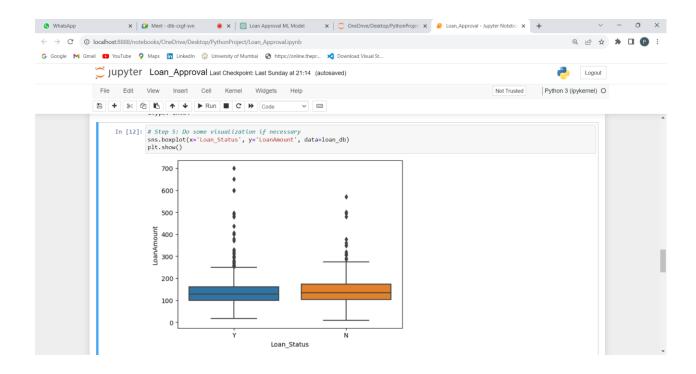


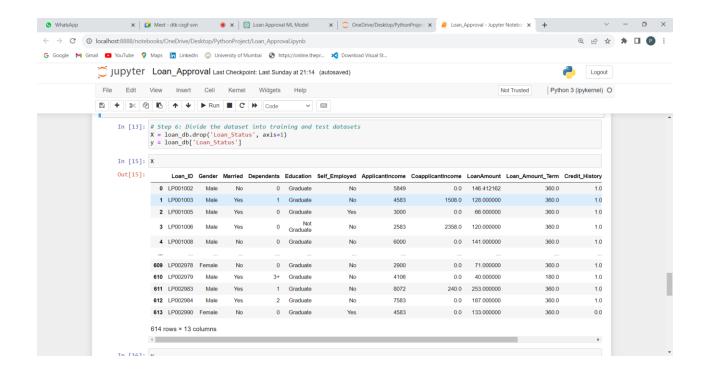


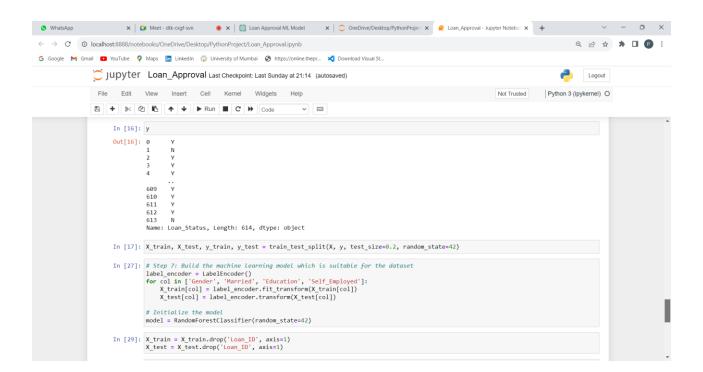


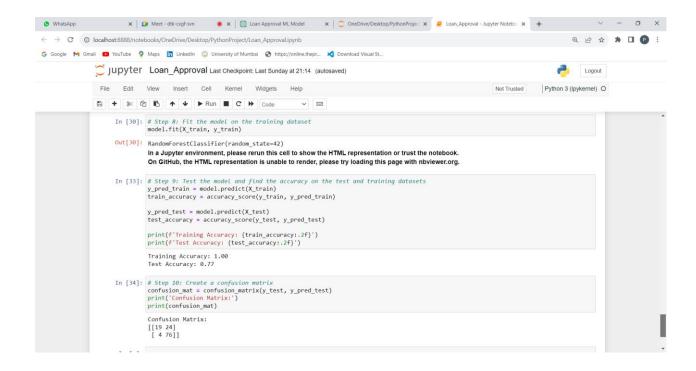








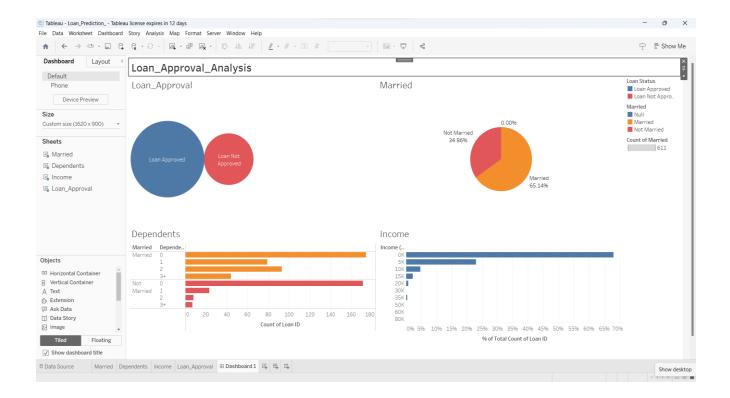




### **CONCLUSION:**

In this project, we built a machine learning model to predict loan approval based on applicant attributes. The model demonstrated reasonable accuracy on both training and test data, indicating its potential for automating loan approval decisions. Further analysis is needed to identify key influencing factors. Ethical considerations are essential when deploying such models in real-world scenarios, ensuring fairness and transparency in lending practices.

TASK 2:
TABLEAU DASHBOARD FOR LOAN ELIGIBILTY



## **CONCLUSION:**

Based on the data visualizations, I concluded that gender was not an important feature in determining the loan approval status. Also, it would be better to combine the applicant and co- applicant to get better results.

Otherwise, using tableau was much easier and it made data visualization much easier.