**ML FINAL LAB TEST 3**

TEAM MEMBERS:

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INTRODUCTION:

Dataset: [Credit\_card\_fraud\_detection](https://www.kaggle.com/datasets/mlg-ulb/creditcardfraud)

We have built a logistic regression model to predict fraudulent credit card transactions for the given test data and we have done exploratory data analysis (EDA).

PROBLEM STATEMENT:

* The problem is to predict the fraudulent credit card transactions from various features given in the dataset.
* To perform EDA and identify the most influential factors that impact fraudulent credit card transactions.
* To develop a predictive model using Logistic regression to forecast fraudulent future transactions.
* To evaluate the model's performance and accuracy.