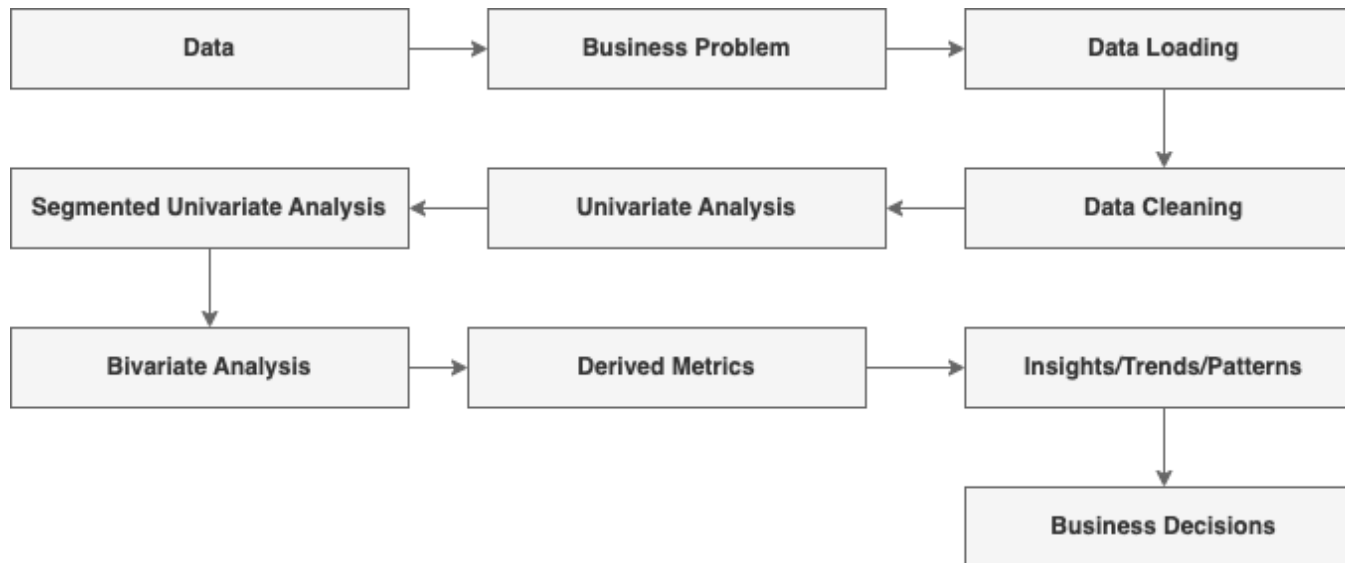# Leading Club Case Study

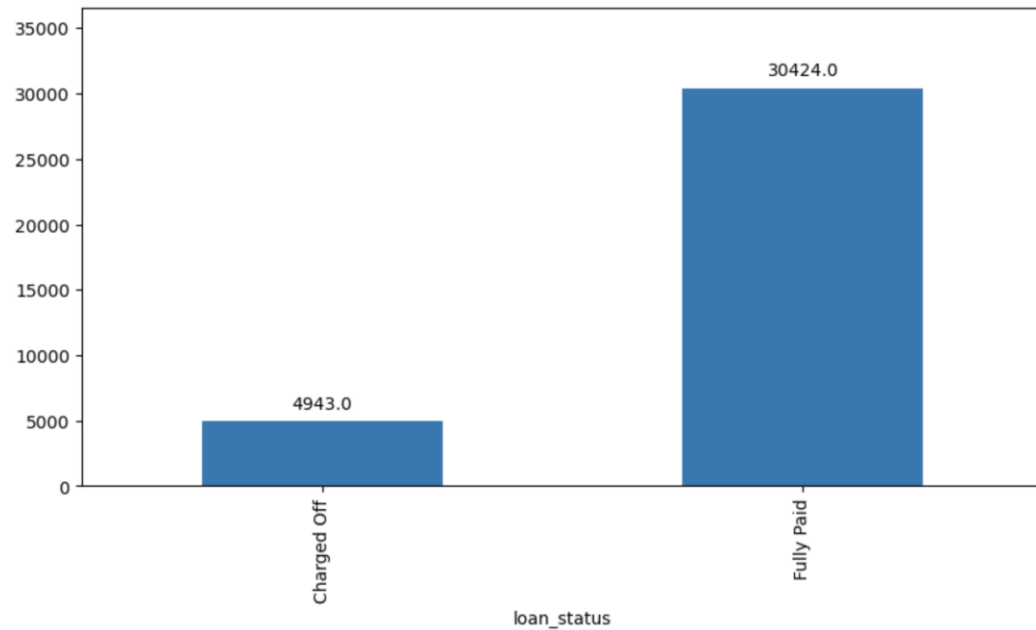GROUP MEMBERS:

1. MOHAMMAD TASLEEM ARIF
2. MEENAKSHI GUPTA

Problem Statement

- This project aims to develop a comprehensive understanding of factors influencing loan default rates within a consumer finance company. By employing exploratory data analysis (EDA) techniques, we will analyse historical loan data to identify key attributes that correlate with loan repayment behaviour. The insights derived from this analysis will enable the company to construct a robust credit risk model, aiding in the assessment of loan applicants and mitigating financial losses due to defaults. Ultimately, this project seeks to optimize lending decisions and enhance overall portfolio performance.

Data → Business Problem → Data Loading → Data Cleaning → Univariate Analysis → Segmented Univariate Analysis → Bivariate Analysis → Derived Metrics → Insights/Trends/Patterns → Business Decisions
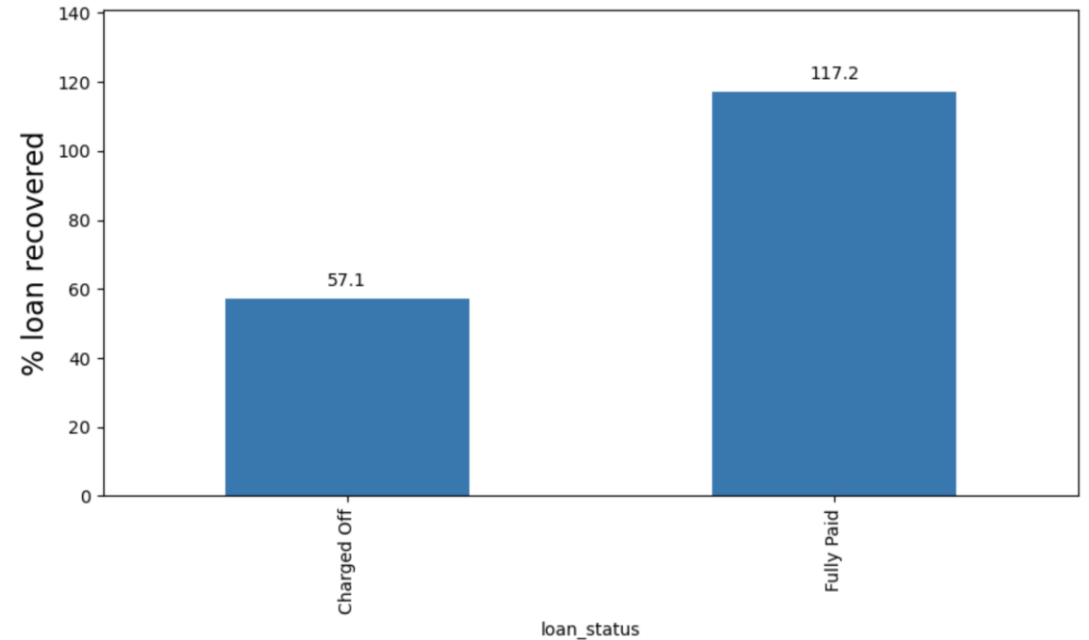
Steps for Analysis

Overall status of loans allotted

Approx 14% of loans in the datasets are defaulted.

57% of the amount is recovered from defaulted/charged off loan, while 17% profit is made on Fully Paid loans.