# Bank Loan Analysis Project – README

## Project Title:

Bank Loan Analysis Dashboard

## Objective:

To analyse loan application data and derive actionable insights for better loan performance tracking, risk assessment, and portfolio management.

## Tools & Technologies Used:

- SQL (MySQL/SQL Server) – Data extraction and aggregation  
- Microsoft Excel – Dashboard creation and visualisation  
- Data Cleaning – Performed using Excel & SQL

## Project Files:

1. Bank\_Loan\_Dashboard.xlsx – Interactive Excel dashboard with KPIs  
2. Bank\_Loan\_Database.docx – SQL queries used for data analysis  
3. README\_Bank\_Loan\_Analysis\_Project.docx – Project summary

## Key Analysis Performed:

- Month-to-date (MTD) loan applications, funded amount, and payments  
- Good vs. bad loan segmentation  
- Interest rate and DTI analysis  
- Performance by state, term, purpose, and employment length

## Key Impact:

- Enabled clear risk profiling and good/bad loan ratio tracking  
- Provided state-wise and segment-wise loan performance metrics  
- Built a ready-to-use, stakeholder-friendly dashboard for reporting