**Project Overview**

The **Bank Loan Report Project** aims to provide a comprehensive analysis of key loan-related metrics to monitor the bank's lending activities and assess portfolio performance. By leveraging data visualization and analysis tools, this project helps decision-makers identify trends, optimize lending strategies, and ensure better financial health for the bank.

**Key Features**

* **Loan Application Analysis**: Track total loan applications over time, including Month-to-Date (MTD) and Month-over-Month (MoM) comparisons.
* **Funded Amount Monitoring**: Measure the total amount of funds disbursed and compare MTD and MoM changes.
* **Repayment Tracking**: Analyze the total amount received from borrowers, monitoring cash flow and repayment behavior.
* **Interest Rate & DTI Analysis**: Compute the average interest rate and debt-to-income ratio (DTI) to evaluate loan costs and borrower financial health.
* **Good vs. Bad Loans**: Distinguish between 'Good Loans' (Fully Paid, Current) and 'Bad Loans' (Charged Off) to assess loan portfolio quality.

## ****Results****

The project successfully delivers interactive dashboards that provide insights into key loan performance metrics, helping the bank optimize its lending strategies, improve cash flow management, and monitor loan portfolio health.