**Banking Sector Dashboard using Power BI**

**📌 Overview**

This Power BI dashboard provides key insights into the banking sector, helping stakeholders analyze financial performance, customer transactions, loan distribution, and risk assessment. The dashboard enables data-driven decision-making by visualizing key metrics such as revenue, expenses, customer demographics, and loan statuses.

**🔍 Key Features**

* **Customer Analysis:** Visualize customer demographics, account types, and transaction trends.
* **Loan Portfolio Insights:** Track loan approvals, rejections, and overdue payments.
* **Revenue & Expenses:** Monitor banking revenue sources, operating costs, and profit margins.
* **Risk Assessment:** Identify high-risk customers through risk weighted loan taken.
* **Performance:** Through total loan given, presence across total number of countries
* **Interactive Filters & Drill-downs:** Users can filter data based on time periods, regions, and customer types.

**📊 Data Sources**

* **Core Banking System (CBS):** Customer details, account balances, and transactions.
* **Financial Reports:** Income statements, balance sheets, and cash flow reports.

**🏗️ Power BI Components Used**

* **Data Model:** Relationships between customer data, transactions, and financial metrics.
* **DAX Measures:** Custom calculations for KPIs (e.g., total loan, total deposit, total number of customer, presence across total number of countries etc).
* **Visualizations:** Bar charts, pie charts, KPI cards, tables, and slicers.
* **Power Query:** Data cleaning and transformation from multiple sources.