**Bank Loan Query Report**

1. **Summary**

**KPI’s**

**Total Loan Application**

SELECT COUNT(id) AS Total\_Applications FROM bank\_loan\_data

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**MTD Loan Application Data**

SELECT COUNT(id) AS Total\_Applications FROM bank\_loan\_data WHERE MONTH(issue\_date)= 12



**PMTD Loan Application**

SELECT COUNT(id) AS Total\_Applications FROM bank\_loan\_data WHERE MONTH(issue\_date)= 11

****

**Total Funded Amount**

SELECT SUM(loan\_amount)AS Total\_Funded\_Amount FROM bank\_loan\_data



**MTD Funded Amount**

SELECT SUM(loan\_amount)AS Total\_Funded\_Amount FROM bank\_loan\_data

WHERE MONTH(issue\_date)= 12

****

**PMTD Funded Amount**

SELECT SUM(loan\_amount)AS Total\_Funded\_Amount FROM bank\_loan\_data

WHERE MONTH(issue\_date)= 11

****

**Total Amount Received**

SELECT SUM(total\_payment)AS Total\_Amount\_Collected FROM bank\_loan\_data

****

**MTD Total Amount Received**

SELECT SUM(total\_payment)AS Total\_Amount\_Collected FROM bank\_loan\_data

WHERE MONTH(issue\_date)= 12



**PMTD Total Amount Received**

SELECT SUM(total\_payment)AS Total\_Amount\_Collected FROM bank\_loan\_data

WHERE MONTH(issue\_date)= 11



Avg Interest Rate

SELECT AVG(int\_rate)\*100 AS Avg\_Int\_Rate FROM bank\_loan\_data



**MTD AVG Rate**

SELECTAVG(int\_rate)\*100 AS MTD\_Avg\_Int\_Rate FROM bank\_loan\_data

WHERE MONTH(issue\_date)= 12

****

**PMTD AVG Interest Rate**

SELECT AVG(int\_rate)\*100 AS PMTD\_Avg\_Int\_Rate FROM bank\_loan\_data

WHERE MONTH(issue\_date)= 11

****

**GOOD LOAN ISSUE**

**Good Loan Percentage**

SELECT

(COUNT(CASEWHEN loan\_status='Fully Paid' OR loan\_status='Current' THEN id END)\* 100.0)/

COUNT(id) AS Good\_Loan\_Percentage

FROM bank\_loan\_data



**Good Loan Applications**

SELECT COUNT(id)AS Good\_Loan\_Applications FROM bank\_loan\_data

WHERE loan\_status='Fully Paid' OR loan\_status='Current'



**Good Loan Funded Amount**

SELECT SUM(loan\_amount)AS Good\_Loan\_Funded\_amount FROM bank\_loan\_data

WHERE loan\_status='Fully Paid' OR loan\_status='Current'



**Good Loan Amount Received**

SELECTSUM(total\_payment)ASGood\_Loan\_amount\_receivedFROMbank\_loan\_data

WHEREloan\_status='Fully Paid'ORloan\_status='Current'

****

**BAD LOAN ISSUED**

**Bad Loan Percentage**

SELECT

(COUNT(CASEWHEN loan\_status='Charged Off' THEN id END)\* 100.0)/

COUNT(id) AS Bad\_Loan\_Percentage

FROM bank\_loan\_data

****

**Bad Loan Applications**

SELECT COUNT(id)AS Bad\_Loan\_Applications FROM bank\_loan\_data

WHERE loan\_status='Charged Off'

****

**Bad Loan Funded Amount**

SELECT SUM(loan\_amount)AS Bad\_Loan\_Funded\_amount FROM bank\_loan\_data

WHERE loan\_status='Charged Off'

****

**Bad Loan Amount Received**

SELECT SUM(total\_payment)AS Bad\_Loan\_amount\_received FROM bank\_loan\_data

WHERE loan\_status='Charged Off'

****

1. **OVERVIEW**

**MONTH**

SELECT

MONTH(issue\_date) AS Month\_Munber,

DATENAME(MONTH,issue\_date) AS Month\_name,

COUNT(id) AS Total\_Loan\_Applications,

SUM(loan\_amount) AS Total\_Funded\_Amount,

SUM(total\_payment)AS Total\_Amount\_Received

FROM bank\_loan\_data

GROUPBY MONTH(issue\_date), DATENAME(MONTH,issue\_date)

ORDERBY MONTH(issue\_date)

****

**TERM**

SELECT

term AS Term,

COUNT(id)ASTotal\_Loan\_Applications,

SUM(loan\_amount)ASTotal\_Funded\_Amount,

SUM(total\_payment)ASTotal\_Amount\_Received

FROMbank\_loan\_data

GROUPBY term

ORDERBY term

****

**EMPLOYEE LENGTH**

SELECT

emp\_lengthAS Employee\_Length,

COUNT(id)ASTotal\_Loan\_Applications,

SUM(loan\_amount)ASTotal\_Funded\_Amount,

SUM(total\_payment)ASTotal\_Amount\_Received

FROMbank\_loan\_data

GROUPBYemp\_length

ORDERBYemp\_length



**PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id)ASTotal\_Loan\_Applications,

SUM(loan\_amount)ASTotal\_Funded\_Amount,

SUM(total\_payment)ASTotal\_Amount\_Received

FROMbank\_loan\_data

GROUPBY purpose

ORDERBY purpose



**HOME OWNERSHIP**

SELECT

home\_ownershipASHome\_Ownership,

COUNT(id)ASTotal\_Loan\_Applications,

SUM(loan\_amount)ASTotal\_Funded\_Amount,

SUM(total\_payment)ASTotal\_Amount\_Received

FROMbank\_loan\_data

GROUPBYhome\_ownership

ORDERBYhome\_ownership

****