**BANK LOAN REPORT**

1. **SUMMARY**

**KPI:**

* **Total Loan Application**

SELECT COUNT(id) AS Total\_Applications FROM financial\_loan;



* **MTD Loan Applications**

SELECT COUNT(id) AS Total\_Applications FROM financial\_loan

WHERE MONTH(issue\_date) = 12



* **PMTD Loan Applications**

SELECT COUNT(id) AS Total\_Applications FROM financial\_loan

WHERE MONTH(issue\_date) = 11



* **Total Funded Amount**

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



* **MTD Total Funded Amount**

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

WHERE MONTH(issue\_date) = 12



* **PMTD Total Funded Amount**

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

WHERE MONTH(issue\_date) = 11



* **Total Amount Received**

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



* **MTD Total Amount Received**

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

WHERE MONTH(issue\_date) = 12



* **PMTD Total Amount Received**

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

WHERE MONTH(issue\_date) = 11



* **Average Interest Rate**

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



* **MTD Average Interest Rate**

SELECT AVG(int\_rate)\*100 AS MTD\_Avg\_Int\_Rate FROM financial\_loan

WHERE MONTH(issue\_date) = 12



* **PMTD Average Interest**

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

WHERE MONTH(issue\_date) = 11



* **Average DTI**

SELECT AVG(dti)\*100 AS Avg\_DTI FROM financial\_loan



* **MTD Average DTI**

SELECT AVG(dti)\*100 AS MTD\_Avg\_DTI FROM financial\_loan

WHERE MONTH(issue\_date) = 12



* **PMTD Average DTI**

SELECT AVG(dti)\*100 AS PMTD\_Avg\_DTI FROM financial\_loan

WHERE MONTH(issue\_date) = 11



**GOOD LOAN ISSUED**

* **Good Loan Percentage**

SELECT

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

COUNT(id) AS Good\_Loan\_Percentage

FROM financial\_loan

****

* **Good Loan Applications**

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

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

****

* **Good Loan Funded Amount**

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

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

****

* **Good Loan Amount Received**

SELECT SUM(total\_payment) AS Good\_Loan\_amount\_received FROM financial\_loan

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

****

**BAD LOAN ISSUED**

* **Bad Loan Percentage**

SELECT

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

COUNT(id) AS Bad\_Loan\_Percentage

FROM financial\_loan

****

* **Bad Loan Applications**

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

WHERE loan\_status = 'Charged Off'

****

* **Bad Loan Funded Amount**

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

WHERE loan\_status = 'Charged Off'

****

* **Bad Loan Amount Received**

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

WHERE loan\_status = 'Charged Off'

****

**LOAN STATUS**

SELECT loan\_status, COUNT(id) AS LoanCount,

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

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

AVG(int\_rate \* 100) AS Interest\_Rate,

AVG(dti \* 100) AS DTI

FROM

financial\_loan

GROUP BY

**** loan\_status

SELECT

loan\_status,

SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

SUM(loan\_amount) AS MTD\_Total\_Funded\_Amount

FROM financial\_loan

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status

****

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 financial\_loan

GROUP BY MONTH(issue\_date), DATENAME(MONTH, issue\_date)

ORDER BY MONTH(issue\_date)

****

**STATE**

SELECT address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM financial\_loan

GROUP BY address\_state

ORDER BY address\_state

****

**TERM**

SELECT term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM financial\_loan

GROUP BY term

ORDER BY term

****

**EMPOLYEE LENGTH**

SELECT emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM financial\_loan

GROUP BY emp\_length

ORDER BY emp\_length

****

**PURPOSE**SELECT purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM financial\_loan

GROUP BY purpose

****ORDER BY purpose

**HOME OWNERSHIP**

SELECT home\_ownership AS Home\_Ownership,

COUNT(id) AS Total\_Loan\_Applications,

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

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

FROM financial\_loan

GROUP BY home\_ownership

****ORDER BY home\_ownership