# BANK LOAN REPORT QUERY DOCUMENT

1. **BANK LOAN REPORT | SUMMARY**

**1. Total Loan Applications**

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

A screenshot of a computer

Description automatically generated

**2. MTD Loan Applications**

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

WHERE MONTH(issue\_date) = 12

**A screenshot of a computer

Description automatically generated**

**3. PMTD Loan Applications**

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

WHERE MONTH(issue\_date) = 11

A screenshot of a computer

Description automatically generated

**4. Total Funded Amount**

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

**A screenshot of a computer screen

Description automatically generated**

**5. MTD Total Funded Amount**

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

WHERE MONTH(issue\_date) = 12



**6. PMTD Total Funded Amount**

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

WHERE MONTH(issue\_date) = 11



**7. Total Amount Received**

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



**8. MTD Total Amount Received**

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

WHERE MONTH(issue\_date) = 12



**9. PMTD Total Amount Received**

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

WHERE MONTH(issue\_date) = 11

A close-up of a receipt

Description automatically generated

**10. Average Interest Rate**

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



**11. MTD Average Interest**

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

WHERE MONTH(issue\_date) = 12



**12. PMTD Average Interest**

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

WHERE MONTH(issue\_date) = 11



**13. Avg DTI**

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



**14. MTD Avg DTI**

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

WHERE MONTH(issue\_date) = 12



**15. PMTD Avg 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

**A screenshot of a computer

Description automatically generated**

**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'

**A close up of a box

Description automatically generated**

**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'

**A screenshot of a computer

Description automatically generated**

**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

**A screenshot of a number

Description automatically generated**

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

**A screenshot of a computer

Description automatically generated**

1. **BANK LOAN REPORT | 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)

**A screenshot of a table

Description automatically generated**

**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

**A screenshot of a computer

Description automatically generated**

**A table with numbers and a few black text

Description automatically generated with medium confidence**

**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

**A screenshot of a calculator

Description automatically generated**

**EMPLOYEE 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

**A screenshot of a computer

Description automatically generated**

**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

**A screenshot of a table

Description automatically generated**

**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

**A screenshot of a computer

Description automatically generated**