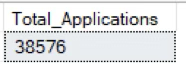
**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications:**

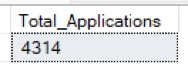
SELECT COUNT(id) AS Total\_Applications FROM financial\_loan;



**MTD Loan Applications:**

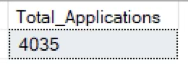
SELECT COUNT(id) AS Total\_Applications FROM financial\_loan

WHERE MONTH(issue\_date) = 12;



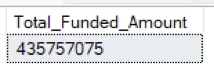
**PMTD Loan Applications:**  
 SELECT COUNT(id) AS Total\_Applications FROM financial\_loan

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;



**Average Interest Rate:**

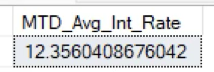
SELECT AVG(int\_rate)\*100 AS Avg\_Int\_Rate FROM bank\_loan\_data;



**MTD Average Interest:**

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

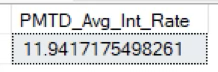
WHERE MONTH(issue\_date) = 12;



**PMTD Average Interest:**

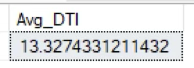
SELECT AVG(int\_rate)\*100 AS PMTD\_Avg\_Int\_Rate FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 11;



**Avg DTI:**

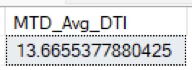
SELECT AVG(dti)\*100 AS Avg\_DTI FROM financial\_loan;



**MTD Avg DTI:**

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

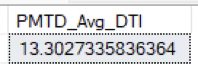
WHERE MONTH(issue\_date) = 12;



**PMTD Avg DTI:**

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

WHERE MONTH(issue\_date) = 11;



**GOOD LOAN ISSUED**

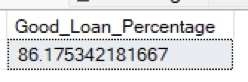
**Good Loan Percentage:**

SELECT

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

COUNT(id) AS Good\_Loan\_Percentage

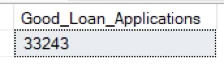
FROM financial\_loan;



**Good Loan Applications:**

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

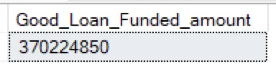
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current';



**Good Loan Funded Amount:**

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

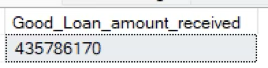
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current';



**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';



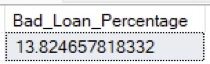
**BAD LOAN ISSUED**

**Bad Loan Percentage:**

SELECT

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

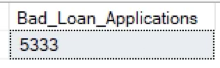
COUNT(id) AS Bad\_Loan\_Percentage;



**Bad Loan Applications:**

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

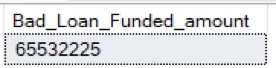
WHERE loan\_status = 'Charged Off';



**Bad Loan Funded Amount**

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

WHERE loan\_status = 'Charged Off';



**Bad Loan Amount Received**

SELECT SUM(total\_payment) AS Bad\_Loan\_amount\_received FROM financila\_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,

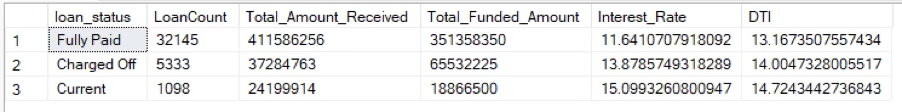
AVG(dti \* 100) AS DTI

FROM

Financial\_loan

GROUP BY

loan\_status;



SELECT

loan\_status,

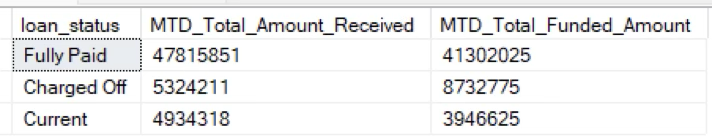
SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

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

FROM financial\_loan

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status;



1. **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,

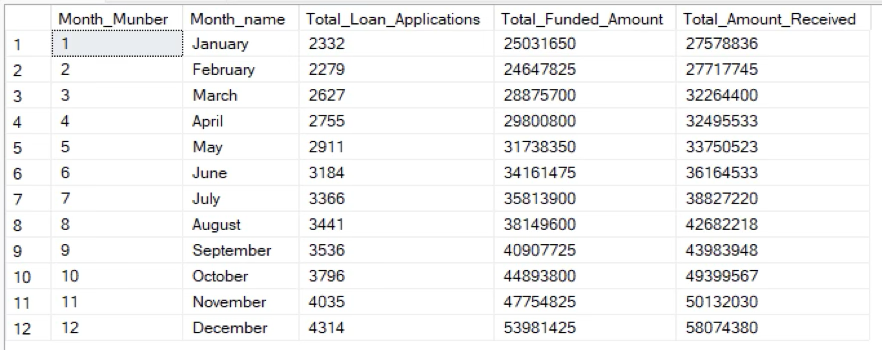
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

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

ORDER BY MONTH(issue\_date);



**STATE**

SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

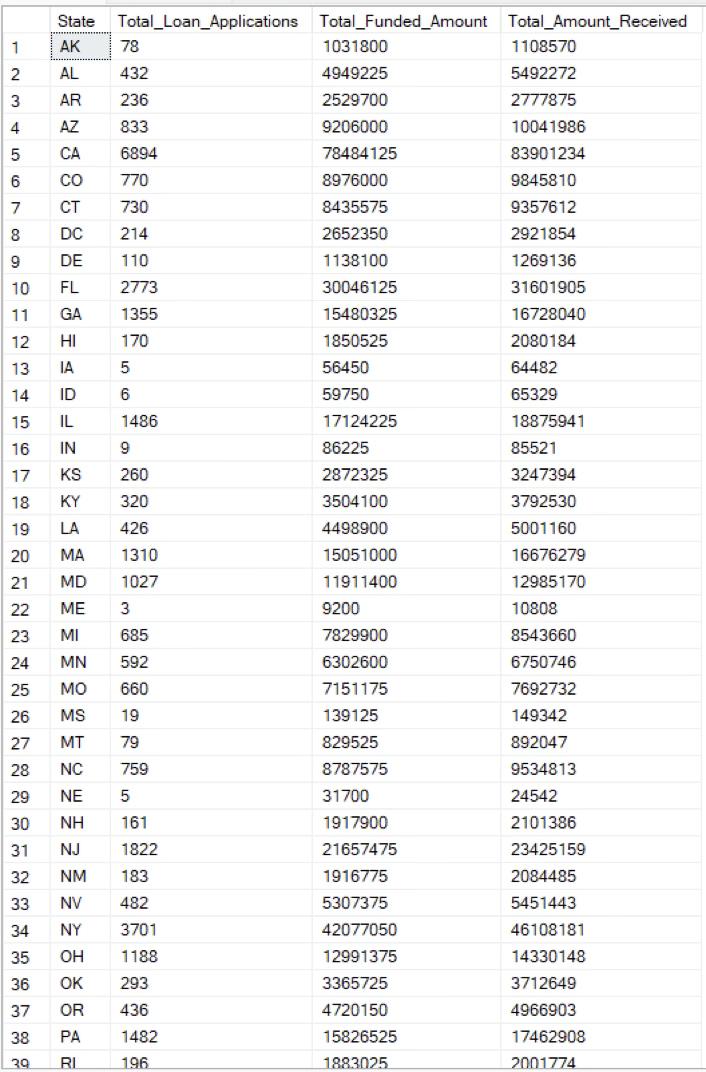
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financila\_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;



**EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

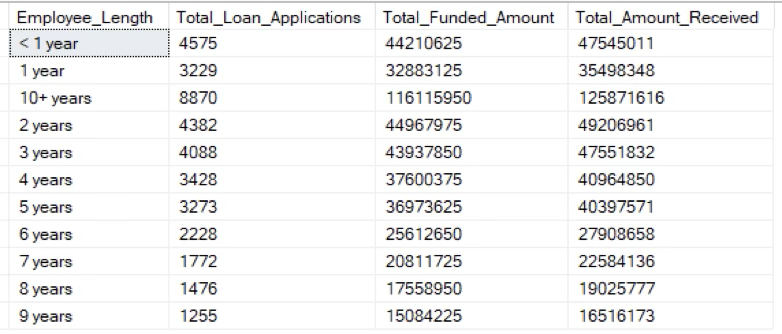
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY emp\_length

ORDER BY emp\_length;



**PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

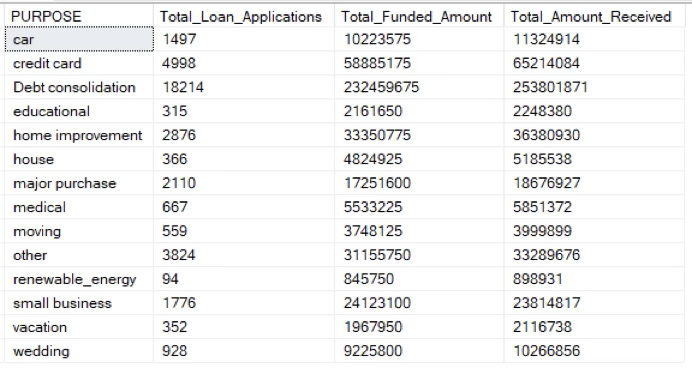
SUM(loan\_amount) AS Total\_Funded\_Amount,

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;

