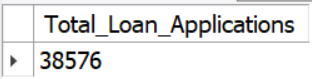
BANK LOAN REPORT QUERY DOCUMENT

1. BANK LOAN REPORT | SUMMARY

KPI’s :

TOTAL LOAN APPLICATIONS:

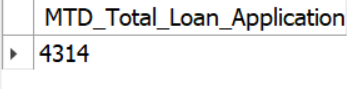
SELECT COUNT(id) as Total\_Loan\_Applications From bank\_loan;



MTD LOAN APPLICATIONS:

SELECT COUNT(id) as MTD\_Total\_Loan\_Applications from bank\_loan

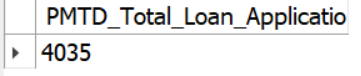
WHERE issue\_date LIKE '%-12-%';



PMTD LOAN APPLICATIONS:

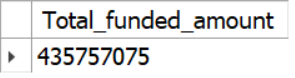
SELECT COUNT(id) as PMTD\_Total\_Loan\_Applications from bank\_loan

WHERE issue\_date LIKE '%-11-%';



TOTAL FUNDED AMOUNT:

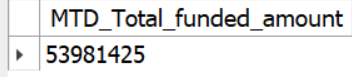
SELECT SUM(loan\_amount) AS Total\_funded\_amount from bank\_loan;



MTD TOTAL FUNDED AMOUNT:

SELECT SUM(loan\_amount) AS MTD\_Total\_funded\_amount from bank\_loan

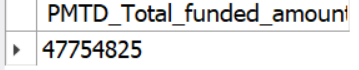
WHERE issue\_date LIKE '%-12-%';



PMTD TOTAL FUNDED AMOUNT:

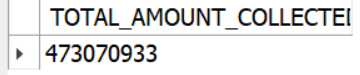
SELECT SUM(loan\_amount) AS PMTD\_Total\_funded\_amount from bank\_loan

WHERE issue\_date LIKE '%-11-%';



TOTAL AMOUNT RECEIVED:

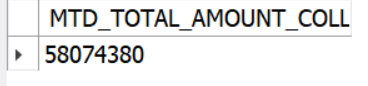
SELECT SUM(TOTAL\_PAYMENT) AS TOTAL\_AMOUNT\_COLLECTED FROM BANK\_LOAN;



MTD TOTAL FUNDED AMOUNT:

SELECT SUM(TOTAL\_PAYMENT) AS MTD\_TOTAL\_AMOUNT\_COLLECTED FROM BANK\_LOAN

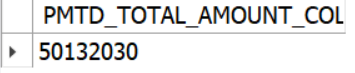
WHERE issue\_date LIKE '%-12-%';



PMTD TOTAL FUNDED AMOUNT:

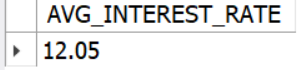
SELECT SUM(TOTAL\_PAYMENT) AS PMTD\_TOTAL\_AMOUNT\_COLLECTED FROM BANK\_LOAN

WHERE issue\_date LIKE '%-11-%';



AVERAGE INTEREST RATE:

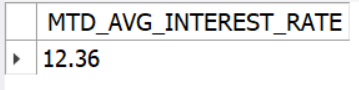
SELECT ROUND(AVG(INT\_RATE)\*100,2) AS AVG\_INTEREST\_RATE FROM BANK\_LOAN;



MTD AVERAGE INTEREST RATE:

SELECT ROUND(AVG(INT\_RATE)\*100,2) AS MTD\_AVG\_INTEREST\_RATE FROM BANK\_LOAN

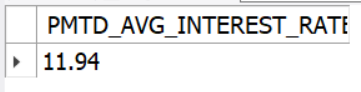
WHERE issue\_date LIKE '%-12-%';



PMTD AVERAGE INTEREST RATE:

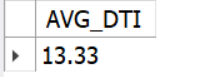
SELECT ROUND(AVG(INT\_RATE)\*100,2) AS PMTD\_AVG\_INTEREST\_RATE FROM BANK\_LOAN

WHERE issue\_date LIKE '%-11-%';



AVG\_DTI

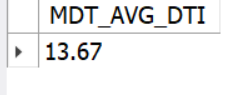
SELECT ROUND(AVG(DTI)\*100,2) AS AVG\_DTI FROM bank\_loan;



MDT AVG\_DTI

SELECT ROUND(AVG(DTI)\*100,2) AS MDT\_AVG\_DTI FROM bank\_loan

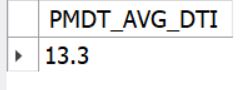
WHERE issue\_date LIKE '%-12-%';



PMDT AVG\_DTI

SELECT ROUND(AVG(DTI)\*100,2) AS PMDT\_AVG\_DTI FROM bank\_loan

WHERE issue\_date LIKE '%-11-%';



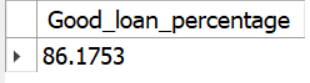
**GOOD LOANS ISSUED**

GOOD LOAN PERCENTAGE

SELECT (COUNT(CASE WHEN loan\_status= 'Fully Paid' OR loan\_status= 'Current' THEN id END ) \* 100) /

COUNT(id) AS Good\_loan\_percentage

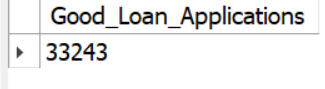
FROM bank\_loan;



GOOD LOAN APPLICATIONS NUMBERS

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

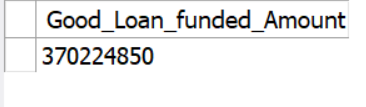
WHERE loan\_status IN ('Fully Paid','Current');



GOOD LOAN FUNDED AMOUNT

SELECT SUM(loan\_amount) AS Good\_Loan\_funded\_Amount FROM bank\_loan

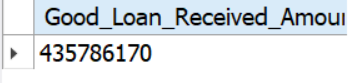
WHERE loan\_status IN ('Fully Paid','Current');



GOOD LOAN RECEIVED AMOUNT

SELECT SUM(total\_payment) AS Good\_Loan\_Received\_Amount FROM bank\_loan

WHERE loan\_status IN ('Fully Paid','Current');

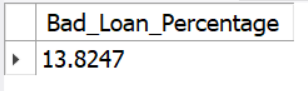


**BAD LOANS ISSUED**

BAD LOAN PERCENTAGE

SELECT (COUNT(CASE WHEN loan\_status= 'Charged off' THEN id END)\*100) /

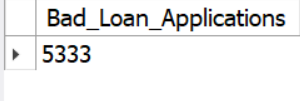
COUNT(id) AS Bad\_Loan\_Percentage FROM bank\_loan;



BAD LOAN APPLICATIONS NUMBERS

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

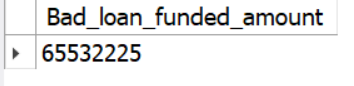
WHERE loan\_status='Charged off';



BAD LOAN FUNDED AMOUNT

SELECT SUM(loan\_amount) AS Bad\_loan\_funded\_amount FROM bank\_loan

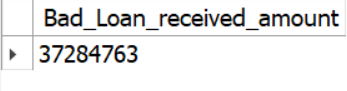
WHERE loan\_status='Charged off';



BAD LOAN RECEIVED AMOUNT

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

WHERE loan\_status='Charged off';



**LOAN STATUS**

SELECT loan\_status,

COUNT(id) AS Total\_Loan\_applications,

SUM(loan\_amount) AS Total\_funded\_Loan\_amount,

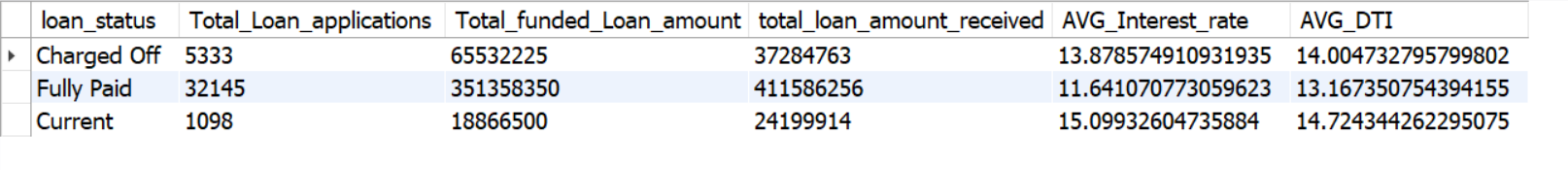
SUM(total\_payment) AS total\_loan\_amount\_received,

AVG(int\_rate)\*100 AS AVG\_Interest\_rate,

AVG(dti)\*100 AS AVG\_DTI

FROM bank\_loan

GROUP BY loan\_status;

****

SELECT loan\_status,

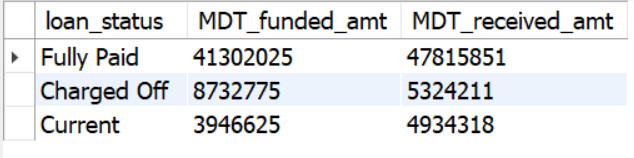
SUM(loan\_amount) AS MDT\_funded\_amt,

SUM(total\_payment) AS MDT\_received\_amt

FROM bank\_loan

WHERE issue\_date LIKE '%-12-%'

GROUP BY loan\_status;



SELECT loan\_status,

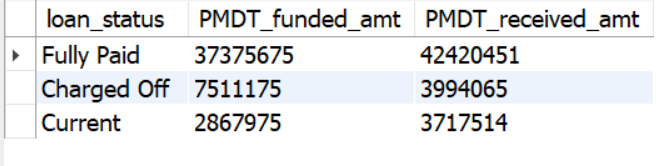
SUM(loan\_amount) AS PMDT\_funded\_amt,

SUM(total\_payment) AS PMDT\_received\_amt

FROM bank\_loan

WHERE issue\_date LIKE '%-11-%'

GROUP BY loan\_status;



**BANK LOAN REPORT | OVERVIEW**

**MONTH**

SELECT MONTH(issued\_date) AS S\_Number,MONTHNAME(issued\_date),COUNT(id) AS Total\_Loan\_Applications,

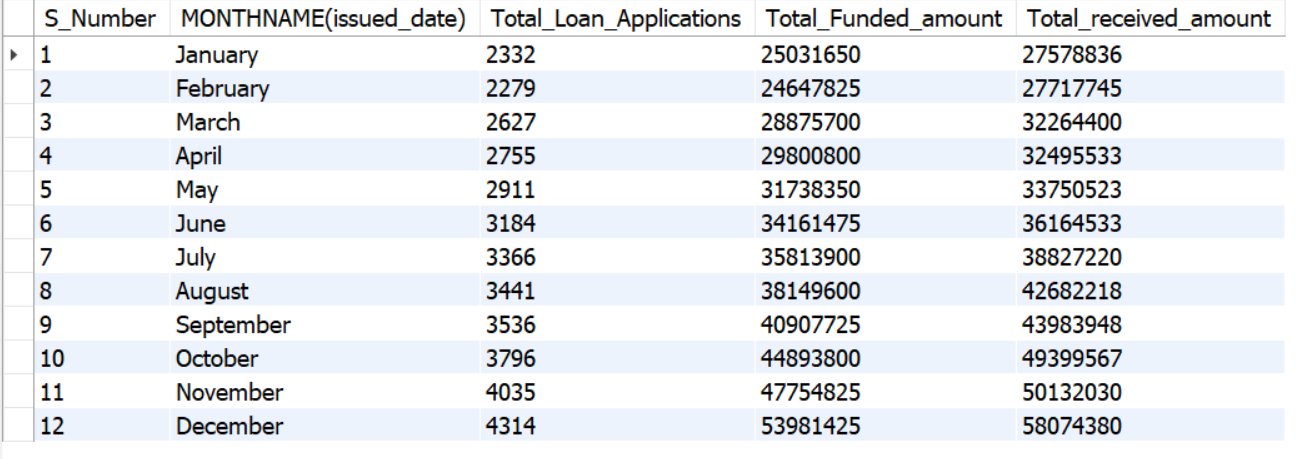
SUM(loan\_amount) AS Total\_Funded\_amount,

SUM(total\_payment) AS Total\_received\_amount

FROM bank\_loan

GROUP BY 1,2

ORDER BY 1 ;

****

**STATE**

SELECT address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

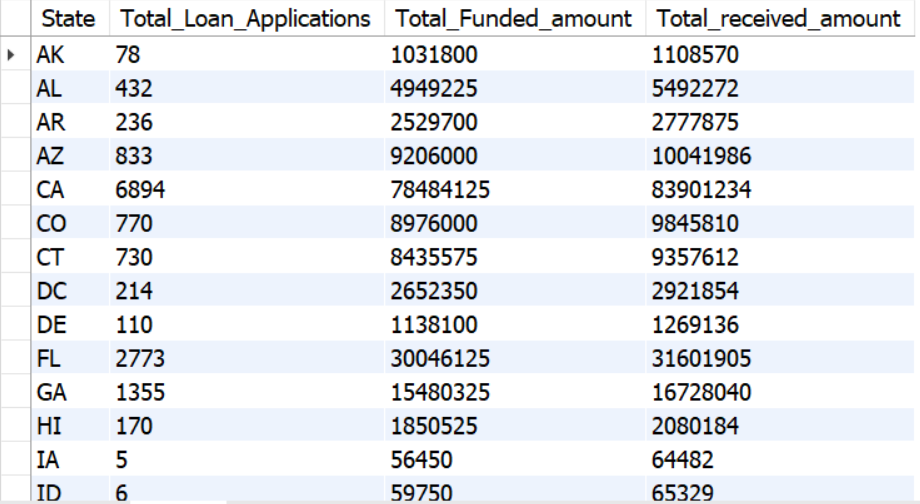
SUM(loan\_amount) AS Total\_Funded\_amount,

SUM(total\_payment) AS Total\_received\_amount

FROM bank\_loan

GROUP BY 1

ORDER BY 1 ;



**TERM**

SELECT term,

COUNT(id) AS Total\_Loan\_Applications,

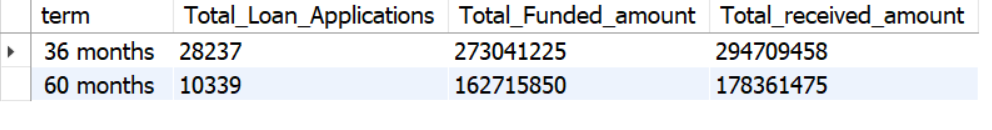
SUM(loan\_amount) AS Total\_Funded\_amount,

SUM(total\_payment) AS Total\_received\_amount

FROM bank\_loan

GROUP BY 1

ORDER BY 1 ;



**EMPLOYEE LENGTH**

SELECT emp\_length,

COUNT(id) AS Total\_Loan\_Applications,

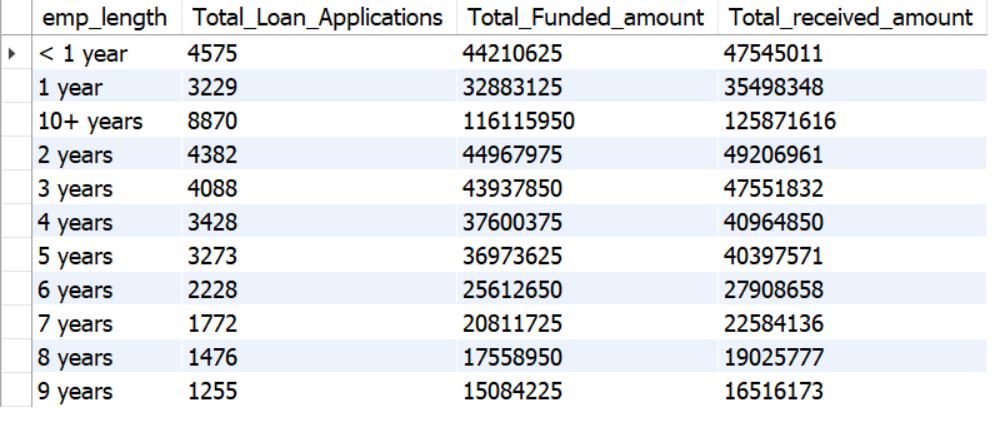
SUM(loan\_amount) AS Total\_Funded\_amount,

SUM(total\_payment) AS Total\_received\_amount

FROM bank\_loan

GROUP BY 1

ORDER BY 1 ;



**PURPOSE**

SELECT purpose,

COUNT(id) AS Total\_Loan\_Applications,

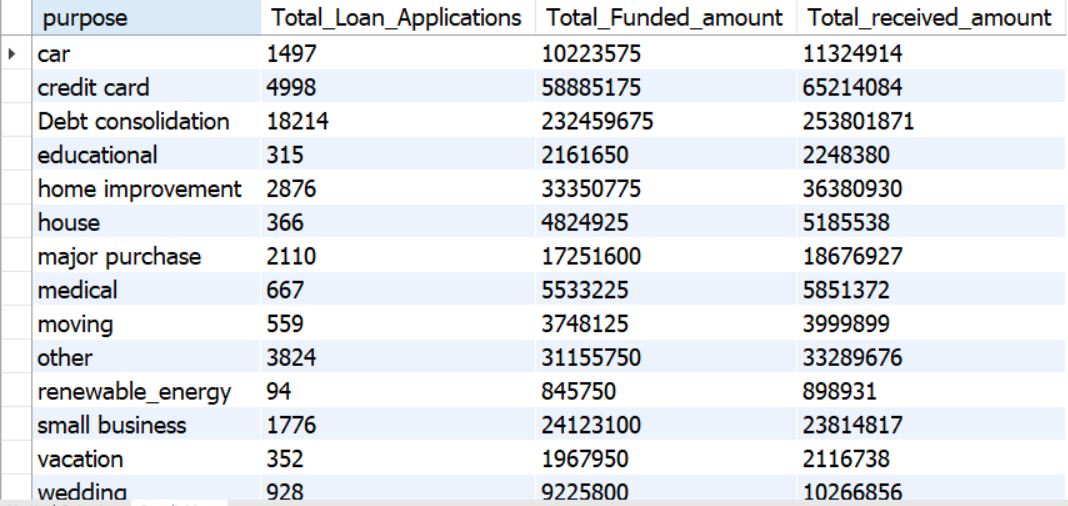
SUM(loan\_amount) AS Total\_Funded\_amount,

SUM(total\_payment) AS Total\_received\_amount

FROM bank\_loan

GROUP BY 1

ORDER BY 1 ;



**HOME OWNERSHIP**

SELECT home\_ownership,

COUNT(id) AS Total\_Loan\_Applications,

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

SUM(total\_payment) AS Total\_received\_amount

FROM bank\_loan

GROUP BY 1

ORDER BY 1 ;

