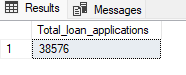
**BANK LOAN REPORT QUERY DOCUMENT**

**KPI’s**

**Total Loan Applications**

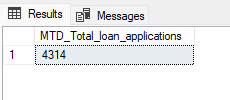
select COUNT(id) as Total\_loan\_applications from financial\_loan;



**MTD Loan Applications**

select COUNT(id) as MTD\_Total\_loan\_applications from financial\_loan

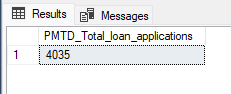
where MONTH(issue\_date)=12 and YEAR(issue\_date) = 2021;



**PMTD Loan Applications**

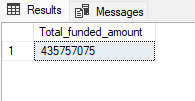
select COUNT(id) as PMTD\_Total\_loan\_applications from financial\_loan

where MONTH(issue\_date)=11 and YEAR(issue\_date) = 2021;



**Total Funded Amount**

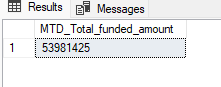
select SUM(loan\_amount) as Total\_funded\_amount from financial\_loan;



**MTD Total Funded Amount**

select SUM(loan\_amount) as MTD\_Total\_funded\_amount from financial\_loan

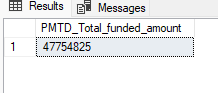
where MONTH(issue\_date)=12 and YEAR(issue\_date) = 2021;



**PMTD Total Funded Amount**

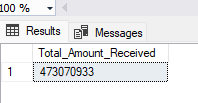
select SUM(loan\_amount) as PMTD\_Total\_funded\_amount from financial\_loan

where MONTH(issue\_date)=11 and YEAR(issue\_date) = 2021;



**Total Amount Received**

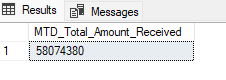
SELECT SUM(total\_payment) AS Total\_Amount\_Received FROM financial\_loan;



**MTD Total Amount Received**

SELECT SUM(total\_payment) AS MTD\_Total\_Amount\_Received FROM financial\_loan

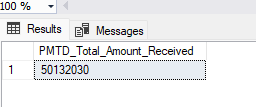
where MONTH(issue\_date)=12 and YEAR(issue\_date) = 2021;



**PMTD Total Amount Received**

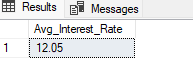
SELECT SUM(total\_payment) AS PMTD\_Total\_Amount\_Received FROM financial\_loan

where MONTH(issue\_date)=12 and YEAR(issue\_date) = 2021;



**Average Interest Rate**

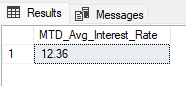
Select ROUND(AVG(int\_rate),4)\*100 as Avg\_Interest\_Rate from financial\_loan;



**MTD Average Interest Rate**

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

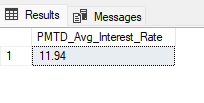
WHERE MONTH(issue\_date) = 12;



**PMTD Average Interest Rate**

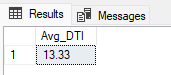
SELECT AVG(int\_rate)\*100 AS MTD\_Avg\_Int\_Rate FROM financial\_loan

WHERE MONTH(issue\_date) = 11;



**Avg DTI**

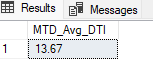
SELECT AVG(dti)\*100 AS Avg\_DTI FROM financial\_loan;



**MTD Avg DTI**

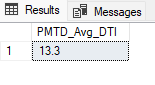
SELECT ROUND(AVG(dti),4)\*100 AS MTD\_Avg\_DTI FROM financial\_loan

where MONTH(issue\_date)=11 and YEAR(issue\_date) = 2021;



SELECT ROUND(AVG(dti),4)\*100 AS PMTD\_Avg\_DTI FROM financial\_loan

where MONTH(issue\_date)=11 and YEAR(issue\_date) = 2021;



**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 bank\_loan\_data

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

****

**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,

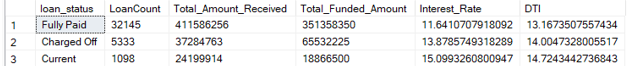
AVG(dti \* 100) AS DTI

FROM

financial\_loan

GROUP BY

loan\_status



SELECT

loan\_status,

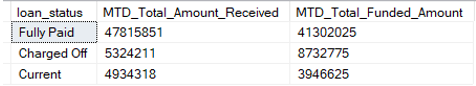
SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

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

FROM financial\_loan

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status



**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,

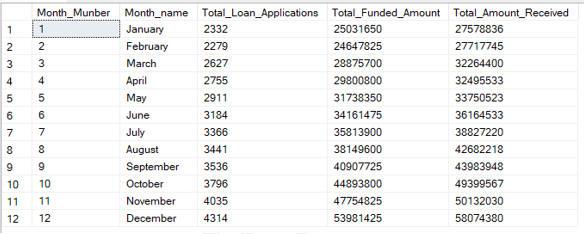
SUM(loan\_amount) AS Total\_Funded\_Amount,

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,

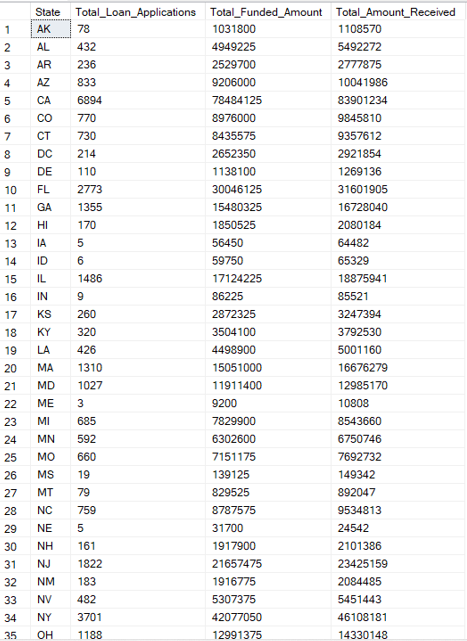
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY address\_state

ORDER BY address\_state



**TERM**

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

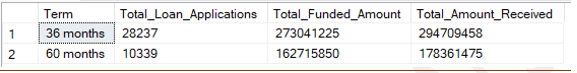
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY term

ORDER BY term



**EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

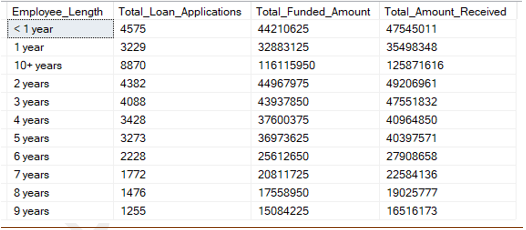
SUM(loan\_amount) AS Total\_Funded\_Amount,

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,

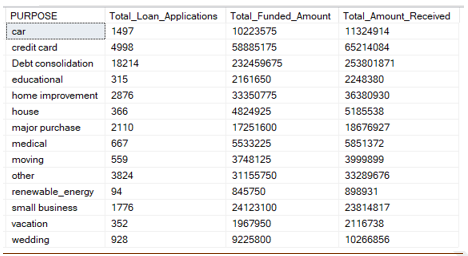
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

