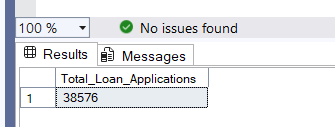
**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications**

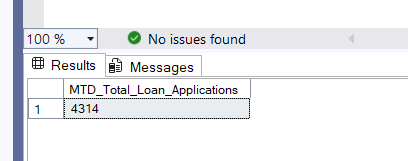
SELECT COUNT(id) AS Total\_Loan\_Applications from bank\_loan\_data



**MTD Loan Applications**

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

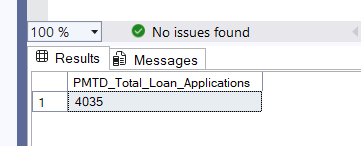
WHERE MONTH(issue\_date)=12 AND YEAR(issue\_date) = 2021



**PMTD Loan Applications**

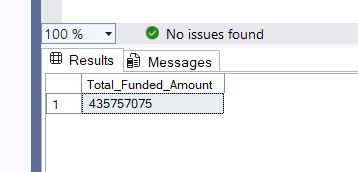
SELECT COUNT(id) AS PMTD\_Total\_Loan\_Applications from bank\_loan\_data

WHERE MONTH(issue\_date)=11 AND YEAR(issue\_date) = 2021



**Total Funded Amount**

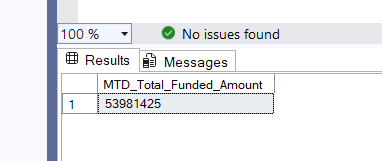
SELECT SUM(loan\_amount) AS Total\_Funded\_Amount FROM bank\_loan\_data



**MTD Total Funded Amount**

SELECT SUM(loan\_amount) AS MTD\_Total\_Funded\_Amount FROM bank\_loan\_data

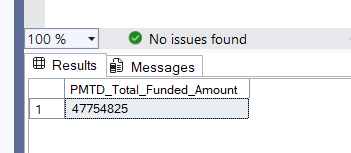
WHERE MONTH(issue\_date)=12 AND YEAR(issue\_date)= 2021



**PMTD Total Funded Amount**

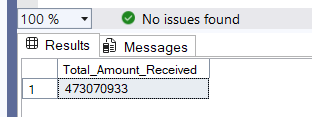
SELECT SUM(loan\_amount) AS PMTD\_Total\_Funded\_Amount FROM bank\_loan\_data

WHERE MONTH(issue\_date)=11 AND YEAR(issue\_date)= 2021

****

**Total Amount Received**

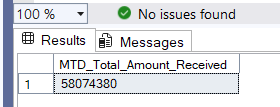
SELECT SUM(total\_payment) AS Total\_Amount\_Received FROM bank\_loan\_data



**MTD Total Amount Received**

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

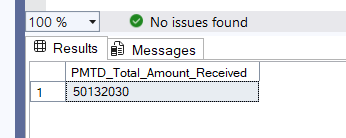
WHERE MONTH(issue\_date)=12 AND YEAR(issue\_date)=2021



**PMTD Total Amount Received**

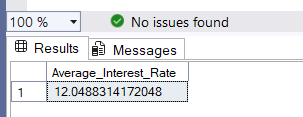
SELECT SUM(total\_payment) AS PMTD\_Total\_Amount\_Received FROM bank\_loan\_data

WHERE MONTH(issue\_date)=11 AND YEAR(issue\_date)=2021



**Average Interest Rate**

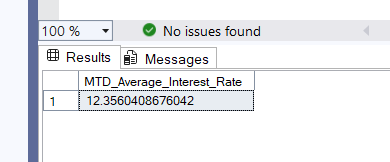
SELECT AVG(int\_rate)\*100 AS Average\_Interest\_Rate FROM bank\_loan\_data

****

**MTD Average Interest**

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

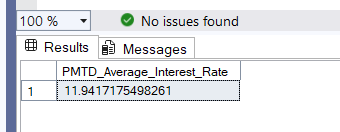
WHERE MONTH(issue\_date)=12 AND YEAR(issue\_date)=2021

****

**PMTD Average Interest**

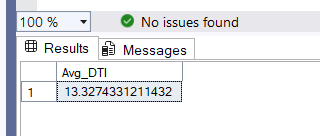
SELECT AVG(int\_rate)\*100 AS PMTD\_Average\_Interest\_Rate FROM bank\_loan\_data

WHERE MONTH(issue\_date)=11 AND YEAR(issue\_date)=2021

****

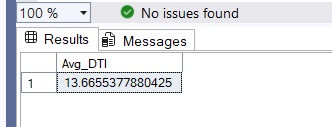
**Avg DTI**

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

****

**MTD Avg DTI**

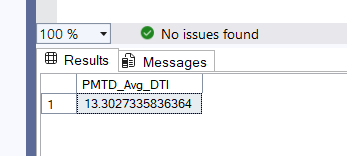
SELECT AVG(dti)\*100 AS MTD\_Avg\_DTI FROM bank\_loan\_data

WHEREMONTH(issue\_date)=12ANDYEAR(issue\_date)=2021****

**PMTD Avg DTI**

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

WHERE MONTH(issue\_date)=11 AND YEAR(issue\_date)=2021

****

**GOOD LOAN ISSUED**

**Good Loan Percentage**

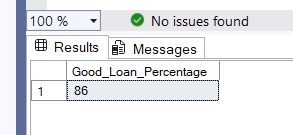
SELECT

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

/

COUNT(id) AS Good\_Loan\_Percentage

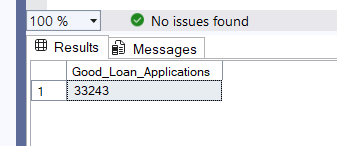
from bank\_loan\_data



**Good Loan Applications**

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

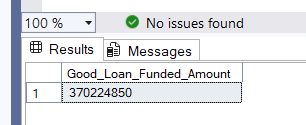
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current'



**Good Loan Funded Amount**

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

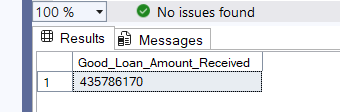
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current'



**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 ISSUED**

**Bad Loan Percentage**

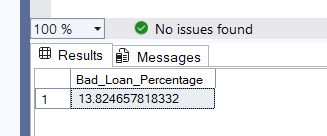
SELECT

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

/

COUNT(id) AS Bad\_Loan\_Percentage

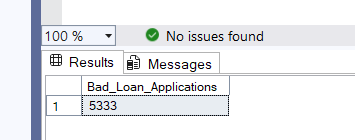
from bank\_loan\_data



**Bad Loan Applications**

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

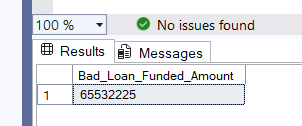
WHERE loan\_status = 'Charged Off'



**Bad Loan Funded Amount**

SELECT SUM(loan\_amount) AS Bad\_Loan\_Funded\_Amount FROM bank\_loan\_data

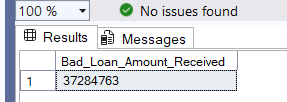
WHERE loan\_status = 'Charged Off'



**Bad Loan Amount Received**

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

WHERE loan\_status = 'Charged Off'

****

**LOAN STATUS**

SELECT

loan\_status,

COUNT(id) AS Total\_Loan\_Applications,

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

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

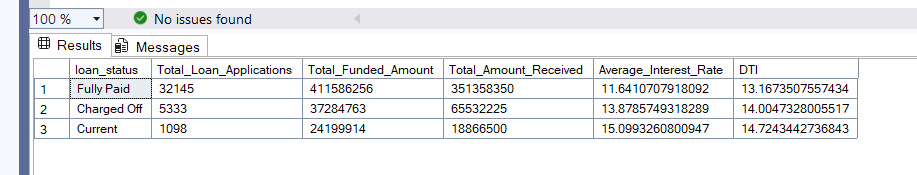
AVG(int\_rate\*100) AS Average\_Interest\_Rate,

AVG(dti\*100) AS DTI

FROM bank\_loan\_data

GROUP BY

loan\_status



SELECT

loan\_status,

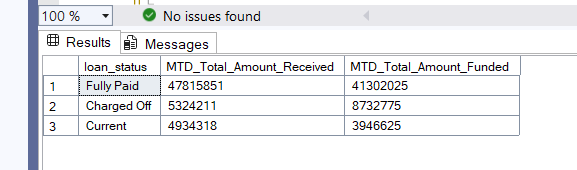
SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

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

FROM bank\_loan\_data

WHERE MONTH(issue\_date)=12

GROUP BY loan\_status



1. **BANK LOAN REPORT | OVERVIEW**

**MONTH**

SELECT

MONTH(issue\_date) AS Month\_Number,

DATENAME(MONTH,issue\_date) AS Month\_Name,

COUNT(id) AS Total\_Loan\_Applications,

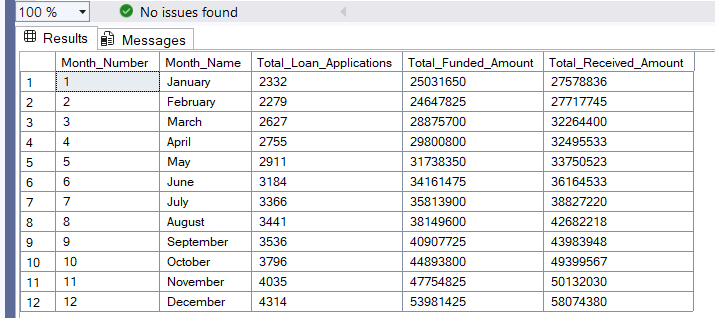
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

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

ORDER BY MONTH(issue\_date)



**STATE**

SELECT

address\_state,

COUNT(id) AS Total\_Loan\_Applications,

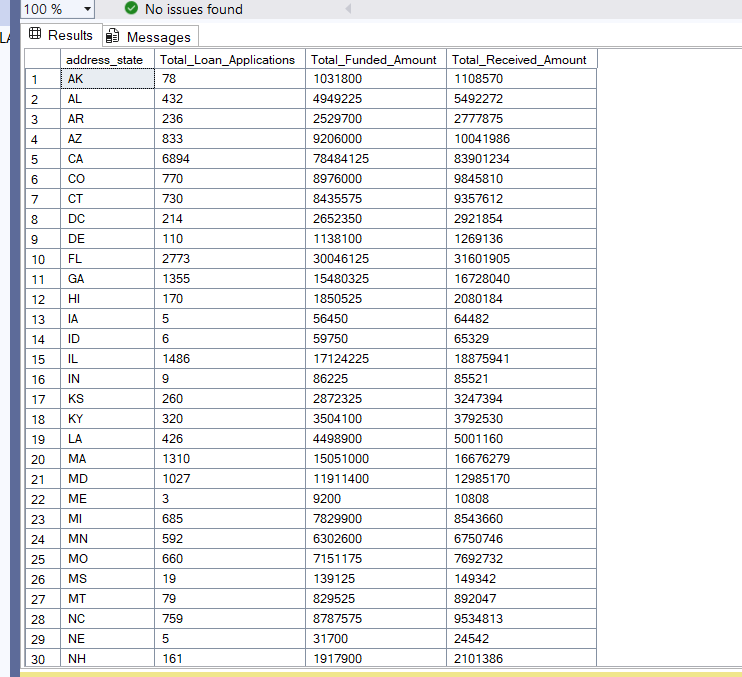
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY address\_state

ORDER BY address\_state



**TERM**

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

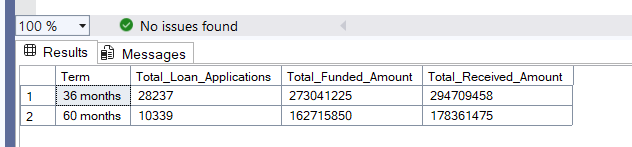
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY term

ORDER BY term



**EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

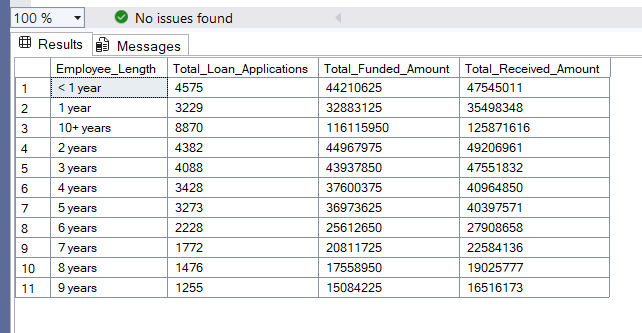
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY emp\_length

ORDER BY emp\_length



**PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

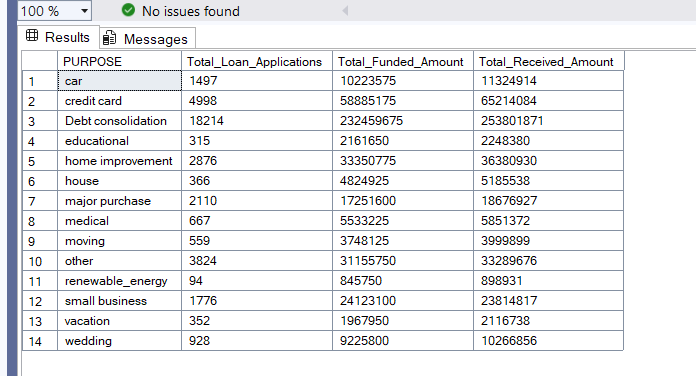
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

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\_Received\_Amount

FROM bank\_loan\_data

GROUP BY home\_ownership

ORDER BY home\_ownership

