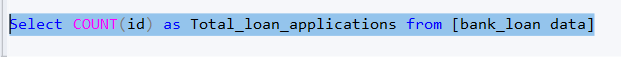
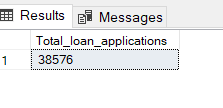
**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**1.Total Loan Applications**

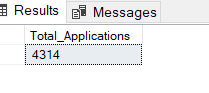




**2. MTD Loan Applications**

SELECT COUNT(id) AS Total\_Applications FROM [bank\_loan data]

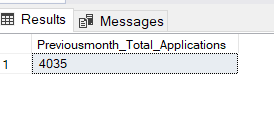
where MONTH (issue\_date) = 12



**3. PMTD Loan Applications**

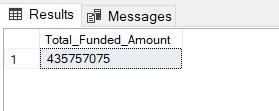
SELECT COUNT(id) AS Previousmonth\_Total\_Applications FROM [bank\_loan data]

where MONTH (issue\_date) = 11



**4.Total Funded Amount**

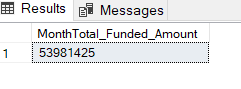
SELECT SUM(loan\_amount) AS Total\_Funded\_Amount FROM [bank\_loan data]



**5.** **MTD Total Funded Amount**

SELECT SUM(loan\_amount) AS MonthTotal\_Funded\_Amount FROM [bank\_loan data]

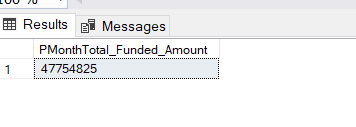
where MONTH(issue\_date)=12



**6.** **PMTD Total Funded Amount**

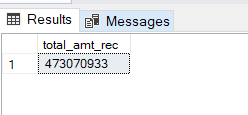
SELECT SUM(loan\_amount) AS PMonthTotal\_Funded\_Amount FROM [bank\_loan data]

where MONTH(issue\_date)=11



**7. Total Amount Received**

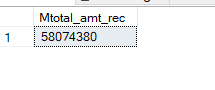
Select SUM(total\_payment) as total\_amt\_rec from [bank\_loan data]



**8. MTD Total Amount Received**

Select SUM(total\_payment) as Mtotal\_amt\_rec from [bank\_loan data]

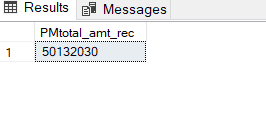
where MONTH (issue\_date) = 12



**9.PMTD Total Amount Received**

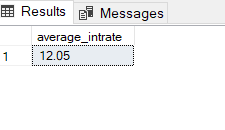
Select SUM(total\_payment) as PMtotal\_amt\_rec from [bank\_loan data]

where MONTH (issue\_date) = 11



**10. Average Interest Rate**

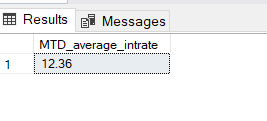
Select ROUND(AVG(int\_rate),4) \*100 as average\_intrate from [bank\_loan data]



**11. MTD Average Interest Rate**

Select ROUND(AVG(int\_rate),4) \*100 as MTD\_average\_intrate from [bank\_loan data]

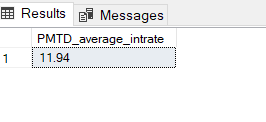
where MONTH(issue\_date)=12



**12 PMTD Average Interest Rate**

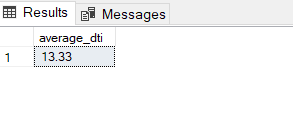
Select ROUND(AVG(int\_rate),4) \*100 as PMTD\_average\_intrate from [bank\_loan data]

where MONTH(issue\_date)=11



**13. Average DTI**

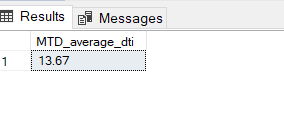
Select ROUND(AVG(dti),4) \*100 as average\_dti from [bank\_loan data]



**14 Average MTD\_DTI**

Select ROUND(AVG(dti),4) \*100 as MTD\_average\_dti from [bank\_loan data]

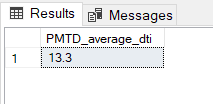
where MONTH(issue\_date)=12



**15. Average PMTD\_DTI**

Select ROUND(AVG(dti),4) \*100 as PMTD\_average\_dti from [bank\_loan data]

where MONTH(issue\_date)=11



**GOOD LOAN ISSUED**

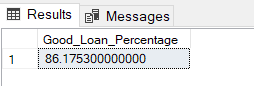
**1.Good Loan Percentage**

SELECT

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

COUNT(id),4) AS Good\_Loan\_Percentage

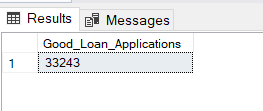
FROM [bank\_loan data]



**2. Total Good loan Appln**

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

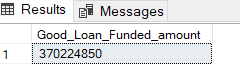
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current'



**3. Good Loan funded amt**

SELECT SUM(loan\_amount) AS Good\_Loan\_Funded\_amount FROM [bank\_loan data]

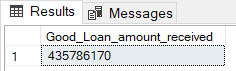
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current'



**4. Good loan amt 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**

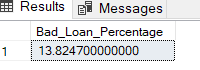
**1.Bad Loan Percentage**

SELECT

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

COUNT(id),4) AS Bad\_Loan\_Percentage

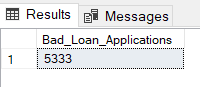
FROM [bank\_loan data]



**2. Total Bad loan Appln**

SELECT COUNT(id) AS Bad\_Loan\_Applications FROM [bank\_loan data]

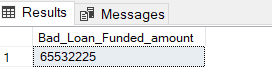
WHERE loan\_status = 'Charged Off'



**3. Bad Loan funded amt**

SELECT SUM(loan\_amount) AS Bad\_Loan\_Funded\_amount FROM [bank\_loan data]

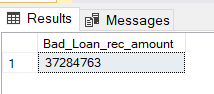
WHERE loan\_status = 'Charged Off'



**4. Bad loan amt received**

SELECT SUM(total\_payment) AS Bad\_Loan\_rec\_amount FROM [bank\_loan data]

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,

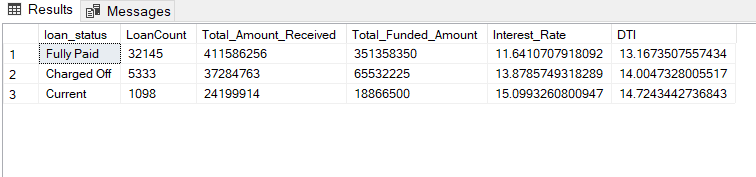
AVG(dti \* 100) AS DTI

FROM

[bank\_loan data]

GROUP BY

loan\_status



**MTD Loan status**

SELECT

loan\_status,

COUNT(id) AS LoanCount,

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

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

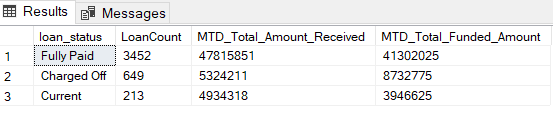
FROM

[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,

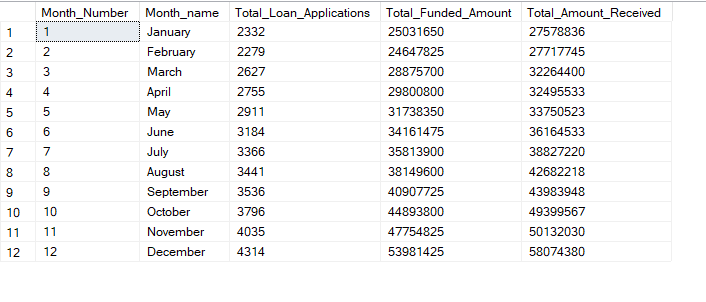
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

from [bank\_loan data]

Group by MONTH(issue\_date),DATENAME(month,issue\_date)

Order by Month(issue\_date) ASC



**STATE**

SELECT

address\_state,

COUNT(id) AS Total\_Loan\_Applications,

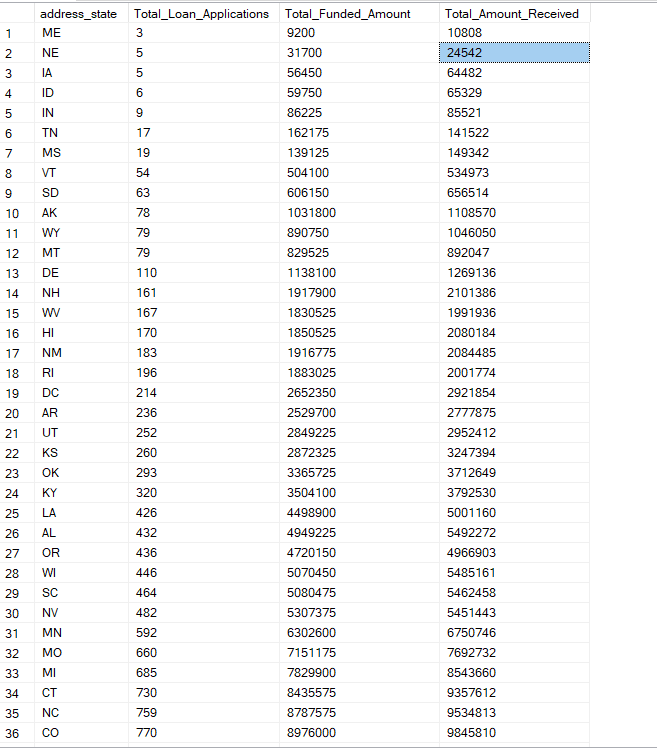
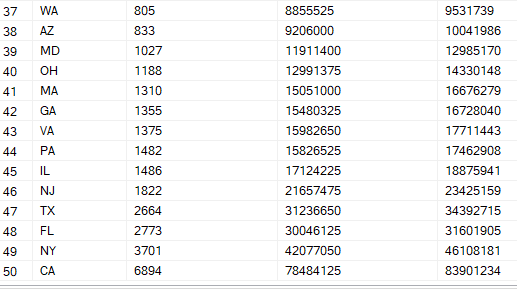
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

from [bank\_loan data]

Group by address\_state

order by COUNT(id) ASC

**TERM**

Select term ,

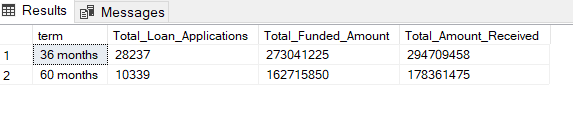
COUNT(id) AS Total\_Loan\_Applications,

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

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

from [bank\_loan data]

Group by term



**EMPLOYEE LENGTH**

Select emp\_length ,

COUNT(id) AS Total\_Loan\_Applications,

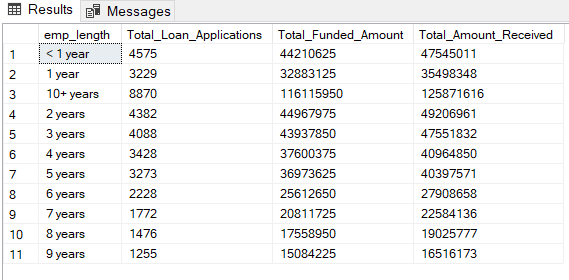
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

from [bank\_loan data]

Group by emp\_length

Order by emp\_length



**PURPOSE**

Select purpose,

COUNT(id) AS Total\_Loan\_Applications,

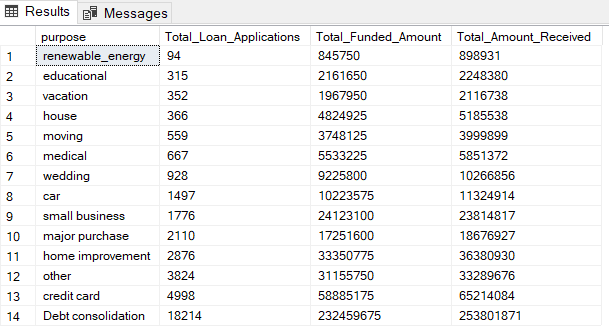
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

from [bank\_loan data]

Group by purpose

Order by COUNT(id)



**HOME OWNERSHIP**

Select home\_ownership,

COUNT(id) AS Total\_Loan\_Applications,

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

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

from [bank\_loan data]

Group by home\_ownership

Order by COUNT(id)

