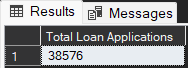
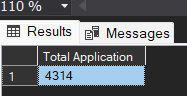
**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

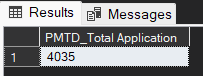
KPI’s:  
**1.** **Total Loan Applications:**  
  
SELECT COUNT(id) AS [Total Loan Applications] FROM dbo.financial\_loan;  
  


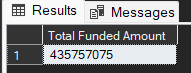
**2.** **MTD Loan Application:**

SELECT COUNT(id) AS [Total Application] FROM financial\_loan

WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021;  
  
  
  
  
**3. Previous MTD Loan Application:**

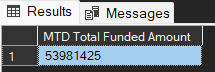
SELECT COUNT(id) AS [PMTD\_Total Application] FROM financial\_loan

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021;  
  
  
  
**4. Total Funded Amount:**

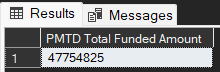
**SELECT SUM(loan\_amount) as [Total Funded Amount] from financial\_loan  
  
  
  
5. Total MTD Funded Loan Amount:**

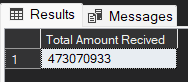
SELECT SUM(loan\_amount) as [MTD Total Funded Amount] from financial\_loan

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

  
  
**6. Total Previous MTD Funded Loan Amount:**

SELECT SUM(loan\_amount) as [PMTD Total Funded Amount] from financial\_loan

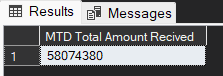
where MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021;  
  
  
  
**7. Total Amount Received:**

SELECT SUM(total\_payment) AS [Total Amount Recived] FROM financial\_loan;  
  


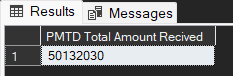
**8. Total MTD Amount Received:**

SELECT SUM(total\_payment) AS [MTD Total Amount Recived] FROM financial\_loan

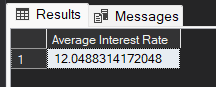
WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) =2021;

   
  
**9.Total PMTD Amount Received:**

SELECT SUM(total\_payment) AS [PMTD Total Amount Recived] FROM financial\_loan

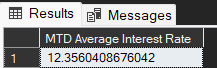
WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) =2021;  
  


**10. Average interest Rate:**

SELECT AVG(int\_rate) AS [Average Interest Rate] FROM financial\_loan;  
  
  
  
**11. MTD Average interest Rate:**

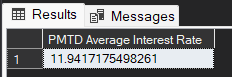
SELECT AVG(int\_rate)\*100 AS [MTD Average Interest Rate] FROM financial\_loan

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

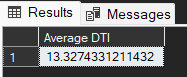


**12. PMTD Average interest Rate:**

SELECT AVG(int\_rate)\*100 AS [PMTD Average Interest Rate] FROM financial\_loan

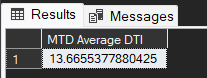
WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021;  
  
  
  
**13. Avg DTI**

SELECT AVG(dti)\*100 AS [Average DTI] FROM financial\_loan;



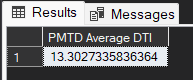
**14. MTD Avg DTI**

SELECT AVG(dti)\*100 AS [MTD Average DTI]FROM financial\_loan

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


**15. PMTD Avg DTI**

SELECT AVG(dti)\*100 AS [PMTD Average DTI]FROM financial\_loan

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021;  
  
  
  
  
GOOD LOAN ISSUED:

**1. Good Loan Percentage:**

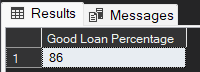
SELECT

(COUNT(CASE WHEN loan\_status = 'Fully Paid' or loan\_status = 'Current'

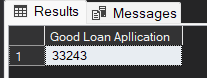
THEN id END )\*100)/

COUNT(id) AS [Good Loan Percentage]

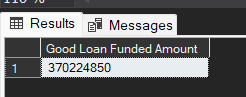
from financial\_loan;

  
  
  
**2. Good Loan Application**

SELECT COUNT(id) AS [Good Loan Application] from financial\_loan

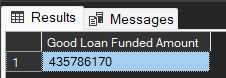
WHERE loan\_status = 'Fully Paid' or loan\_status = 'Current';  
  
  
  
**3. Good Loan Funded Amount:**

SELECT SUM(loan\_amount) AS [Good Loan Funded Amount] from financial\_loan

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


**4. Good Loan Amount Received:**

SELECT SUM(total\_payment) AS [Good Loan Funded Amount]from financial\_loan

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


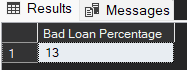
GOOD LOAN ISSUED:  
  
**1.Bad Loan Percentage:**

SELECT

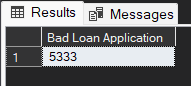
(COUNT(CASE WHEN loan\_status = 'Charged off'

THEN id END )\*100)/

COUNT(id) AS [Bad Loan Percentage]

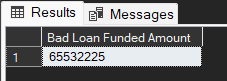
from financial\_loan;  
  
  
  
**2. Bad Loan Applications:**

SELECT COUNT(id) AS [Bad Loan Application] from financial\_loan

WHERE loan\_status = 'Charged Off';  
  
  
  
**3. Bad Loan Funded Amount**

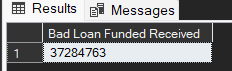
SELECT SUM(loan\_amount) AS [Bad Loan Funded Amount]from financial\_loan

WHERE loan\_status = 'Charged Off';



4. **Bad Loan Amount Received**

SELECT SUM(total\_payment) AS [Bad Loan Funded Received]from financial\_loan

WHERE loan\_status = 'Charged Off';  
  


LOAN STATUS:

SELECT loan\_status,

COUNT(id) AS Total\_Loan\_Application,

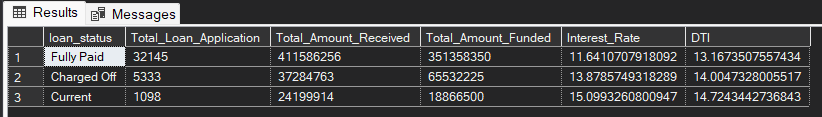
SUM(total\_payment) AS Total\_Amount\_Received,

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

AVG(int\_rate \* 100) AS Interest\_Rate,

AVG(dti \* 100) AS DTI

FROM financial\_loan

GROUP BY loan\_status;  
  
  
  
  
MTD Received Amount

SELECT loan\_status,

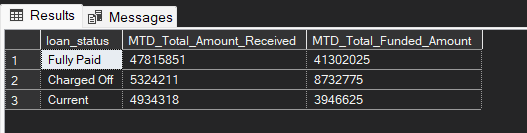
SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

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,

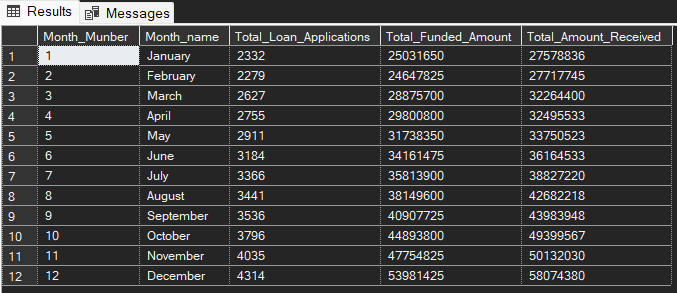
COUNT(id) AS Total\_Loan\_Applications,

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,

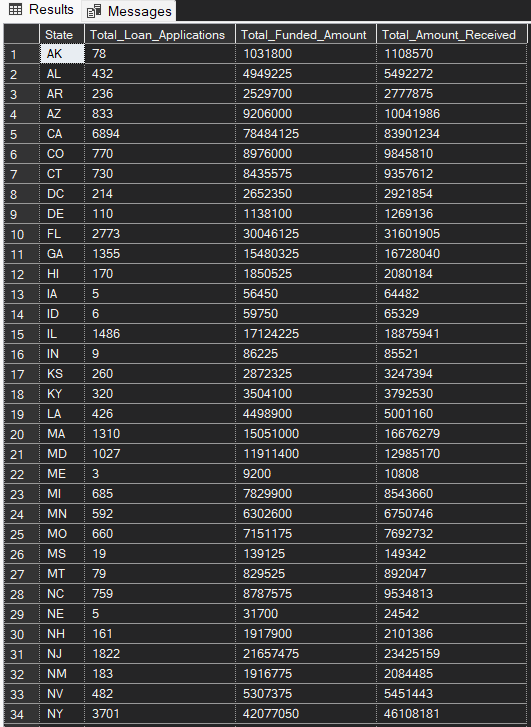
COUNT(id) AS Total\_Loan\_Applications,

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,

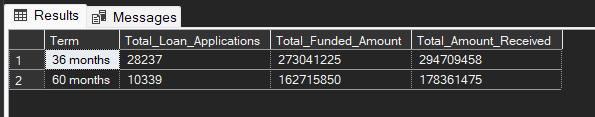
COUNT(id) AS Total\_Loan\_Applications,

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,

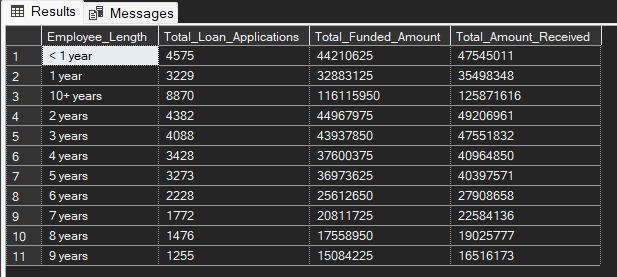
COUNT(id) AS Total\_Loan\_Applications,

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,

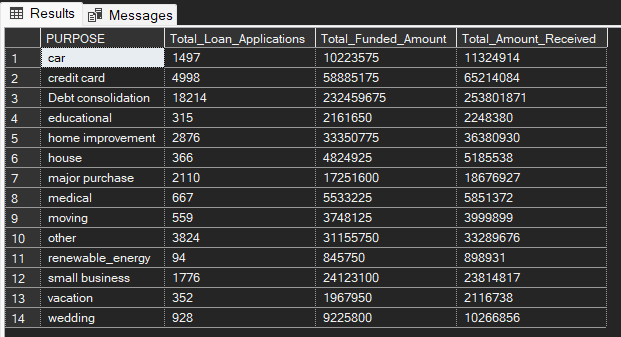
COUNT(id) AS Total\_Loan\_Applications,

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,

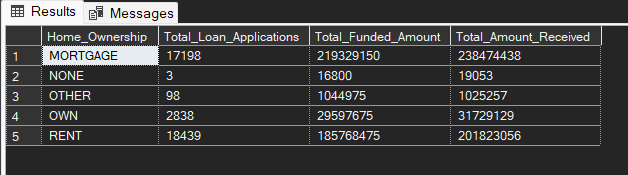
COUNT(id) AS Total\_Loan\_Applications,

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;  
  
  
  
  
Grade A in the filters for dashboards.

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

WHERE grade = 'A'

GROUP BY purpose

ORDER BY purpose;  
  
