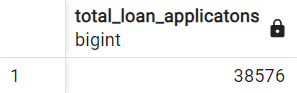
**BANK LOAN REPORT QUERY DOCUMENT**

**A. SUMMARY**

**KPI’s**

**1. Total Loan Applications**

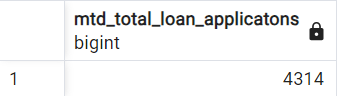
SELECT COUNT(ID) AS TOTAL\_LOAN-APPLICATONS FROM BANK\_LOAN;



**2. MTD Loan Applications**

SELECT COUNT(ID) AS MTD\_TOTAL\_LOAN\_APPLICATONS FROM BANK\_LOAN

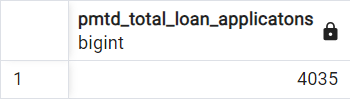
WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 12 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**3. PMTD Loan Applications**

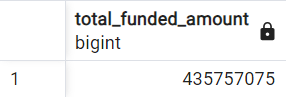
SELECT COUNT(ID) AS PMTD\_TOTAL\_LOAN\_APPLICATONS FROM BANK\_LOAN

WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 11 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**4. Total Funded Amount**

SELECT SUM(LOAN\_AMOUNT) AS TOTAL\_FUNDED\_AMOUNT FROM BANK\_LOAN;



**5. MTD Total Funded Amount**

SELECT SUM(LOAN\_AMOUNT) AS MTD\_TOTAL\_FUNDED\_AMOUNT FROM BANK\_LOAN

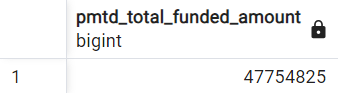
WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 12 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**6. PMTD Total Funded Amount**

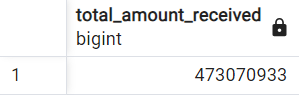
SELECT SUM(LOAN\_AMOUNT) AS PMTD\_TOTAL\_FUNDED\_AMOUNT FROM BANK\_LOAN

WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 11 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**7. Total Amount Received**

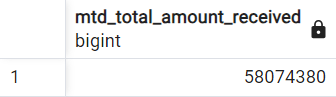
SELECT SUM(TOTAL\_PAYMENT) AS TOTAL\_AMOUNT\_RECEIVED FROM BANK\_LOAN;



**8. MTD Total Amount Received**

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

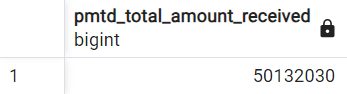
WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 12 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**9. PMTD Total Amount Received**

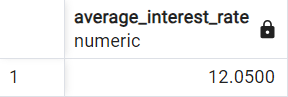
SELECT SUM(TOTAL\_PAYMENT) AS PMTD\_TOTAL\_AMOUNT\_RECEIVED FROM BANK\_LOAN

WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 11 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**10. Average Interest Rate**

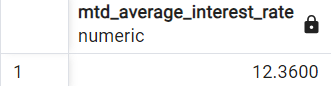
SELECT ROUND(AVG(CAST(INT\_RATE AS NUMERIC)), 4) \* 100 AS AVERAGE\_INTEREST\_RATE FROM BANK\_LOAN;



**11. MTD Average Interest Rate**

SELECT ROUND(AVG(CAST(INT\_RATE AS NUMERIC)), 4) \* 100 AS MTD\_AVERAGE\_INTEREST\_RATE FROM BANK\_LOAN

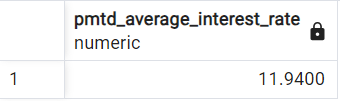
WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 12 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**12. PMTD Average Interest Rate**

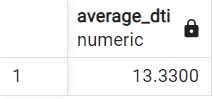
SELECT ROUND(AVG(CAST(INT\_RATE AS NUMERIC)), 4) \* 100 AS PMTD\_AVERAGE\_INTEREST\_RATE FROM BANK\_LOAN

WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 11 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**13. Average DTI**

SELECT ROUND(AVG(CAST(DTI AS NUMERIC)), 4) \* 100 AS AVERAGE\_DTI FROM BANK\_LOAN



**14. MTD Average DTI**

SELECT ROUND(AVG(CAST(DTI AS NUMERIC)), 4) \* 100 AS MTD\_AVERAGE\_DTI FROM BANK\_LOAN

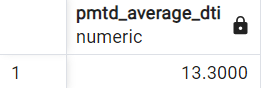
WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 12 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**15. PMTD Average DTI**

SELECT ROUND(AVG(CAST(DTI AS NUMERIC)), 4) \* 100 AS PMTD\_AVERAGE\_DTI FROM BANK\_LOAN

WHERE EXTRACT(MONTH FROM ISSUE\_DATE) = 11 AND EXTRACT(YEAR FROM ISSUE\_DATE) = 2021;



**GOOD LOAN ISSUED**

**1. Good Loan Percentage**

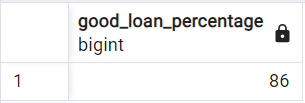
SELECT

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

/

COUNT(id) AS GOOD\_LOAN\_PERCENTAGE

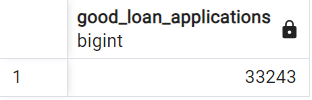
FROM BANK\_LOAN;



**2. Good Loan Applications**

SELECT COUNT(ID) AS GOOD\_LOAN\_APPLICATIONS FROM BANK\_LOAN

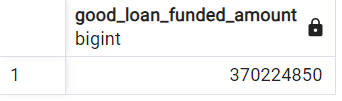
WHERE LOAN\_STATUS='Fully Paid' OR LOAN\_STATUS='Current'



**3. Good Loan Funded Amount**

SELECT SUM(LOAN\_AMOUNT) AS GOOD\_LOAN\_FUNDED\_AMOUNT FROM BANK\_LOAN

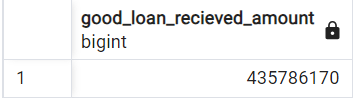
WHERE LOAN\_STATUS='Fully Paid' OR LOAN\_STATUS='Current'



**4. Good Loan Received Amount**

SELECT SUM(TOTAL\_PAYMENT) AS GOOD\_LOAN\_RECIEVED\_AMOUNT FROM BANK\_LOAN

WHERE LOAN\_STATUS='Fully Paid' OR LOAN\_STATUS='Current'



**BAD LOAN ISSUED**

**1. Bad Loan Percentage**

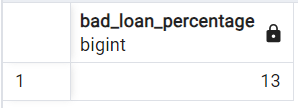
SELECT

(COUNT(CASE WHEN LOAN\_STATUS='Charged Off' THEN id END) \* 100)

/

COUNT(id) AS BAD\_LOAN\_PERCENTAGE

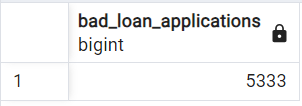
FROM BANK\_LOAN;



**2. Bad Loan Applications**

SELECT COUNT(ID) AS BAD\_LOAN\_APPLICATIONS FROM BANK\_LOAN

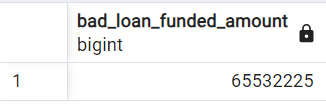
WHERE LOAN\_STATUS='Charged Off'



**3. Bad Loan Funded Amount**

SELECT SUM(LOAN\_AMOUNT) AS BAD\_LOAN\_FUNDED\_AMOUNT FROM BANK\_LOAN

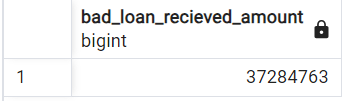
WHERE LOAN\_STATUS='Charged Off'



**4. Bad Loan Received Amount**

SELECT SUM(TOTAL\_PAYMENT) AS BAD\_LOAN\_RECIEVED\_AMOUNT FROM BANK\_LOAN

WHERE LOAN\_STATUS='Charged Off'



**LOAN STATUS**

SELECT

loan\_status,

COUNT(id) AS TOTAL\_Loan\_APPLICATIONS,

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

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

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

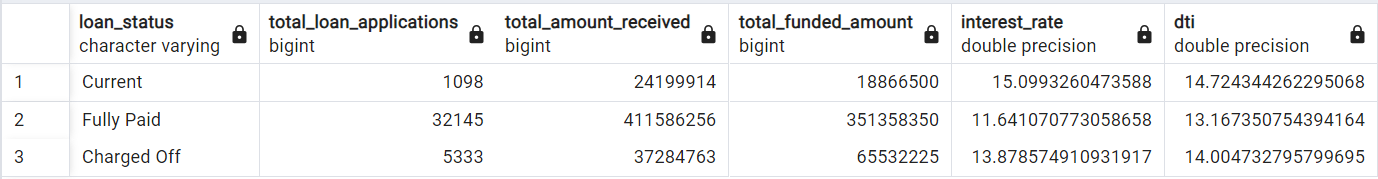
AVG(dti\*100) AS DTI

FROM

bank\_loan

GROUP BY

loan\_status



SELECT

loan\_status,

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

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

FROM

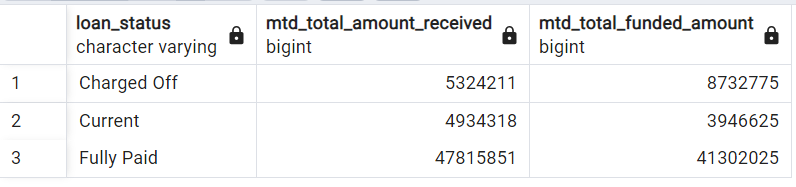
bank\_loan

WHERE

EXTRACT(MONTH FROM issue\_date) = 12

GROUP BY

loan\_status



**B. OVERVIEW**

**1. MONTH**

SELECT

EXTRACT(MONTH FROM ISSUE\_DATE) AS MONTH\_NUMBER,

TO\_CHAR(ISSUE\_DATE, 'Month') AS MONTH\_NAME,

COUNT(ID) AS TOTAL\_LOAN\_APPLICATIONS,

SUM(LOAN\_AMOUNT) AS TOTAL\_FUNDED\_AMOUNT,

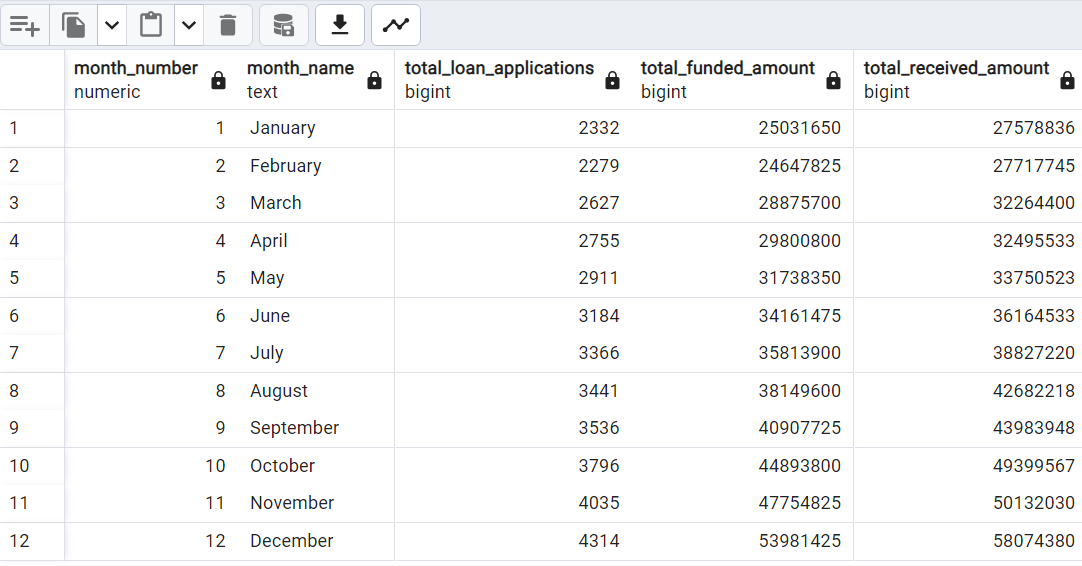
SUM(TOTAL\_PAYMENT) AS TOTAL\_RECEIVED\_AMOUNT

FROM

BANK\_LOAN

GROUP BY EXTRACT(MONTH FROM ISSUE\_DATE), TO\_CHAR(ISSUE\_DATE, 'Month')

ORDER BY EXTRACT(MONTH FROM ISSUE\_DATE)



**2. STATE**

SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

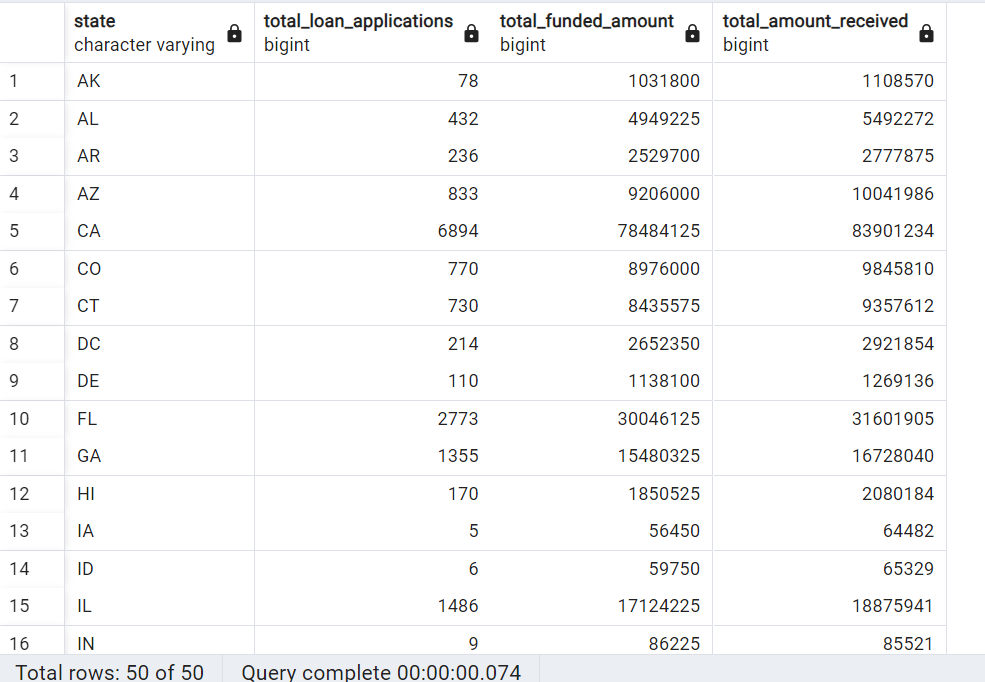
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan

GROUP BY address\_state

ORDER BY address\_state



**3. TERM**

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

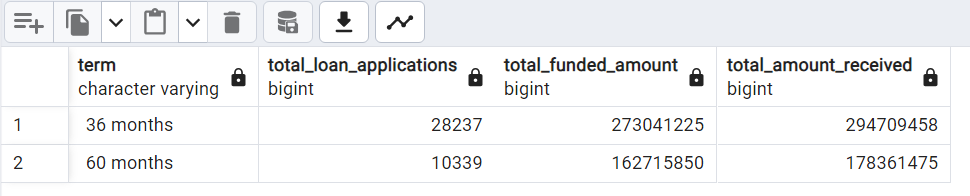
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan

GROUP BY term

ORDER BY term



**4. EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

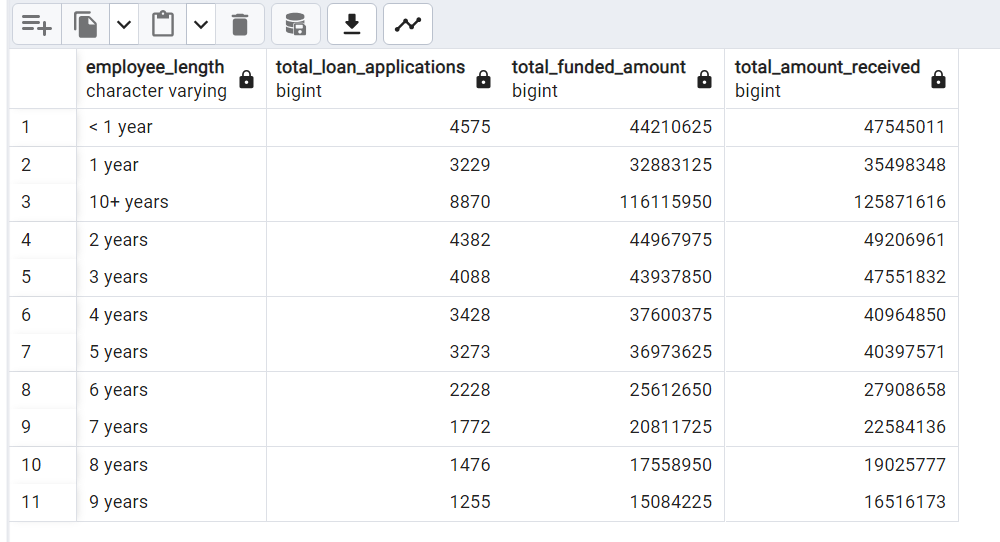
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan

GROUP BY emp\_length

ORDER BY emp\_length



**5. PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

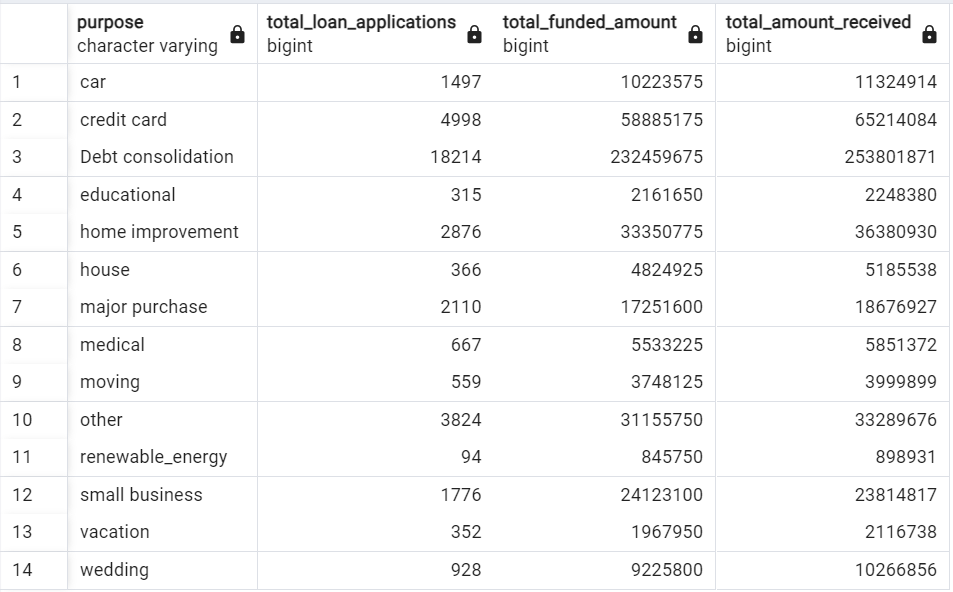
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan

GROUP BY purpose

ORDER BY purpose



**6. 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 bank\_loan

GROUP BY home\_ownership

ORDER BY home\_ownership

