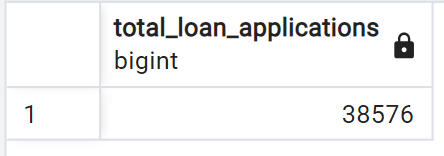
**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications**

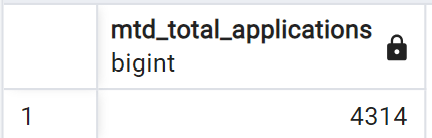
SELECT COUNT(id) AS Total\_Loan\_Applications FROM bank\_loan\_data;

****

**MTD Loan Applications**

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

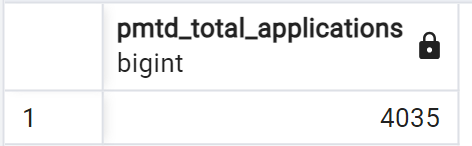
WHERE (SELECT EXTRACT(MONTH FROM issue\_date)) = 12 AND (SELECT EXTRACT(YEAR FROM issue\_date)) = 2021;

****

**PMTD Loan Applications**

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

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

****

**Total Funded Amount**

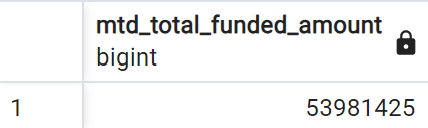
SELECT SUM(loan\_amount) AS Total\_Funded\_Amount FROM bank\_loan\_data;



**MTD Total Funded Amount**

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

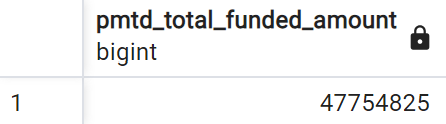
WHERE (SELECT EXTRACT(MONTH FROM issue\_date)) = 12 AND (SELECT EXTRACT(YEAR FROM issue\_date)) = 2021;



**PMTD Total Funded Amount**

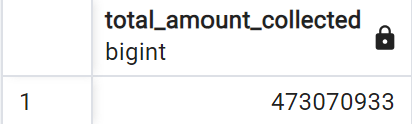
SELECT SUM(loan\_amount) AS PMTD\_Total\_Funded\_Amount FROM bank\_loan\_data

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



**Total Amount Received**

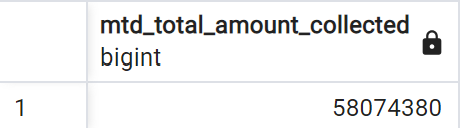
WHERE (SELECT EXTRACT(MONTH FROM issue\_date)) = 11 AND (SELECT EXTRACT(YEAR FROM issue\_date)) = 2021;



**MTD Total Amount Received**

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

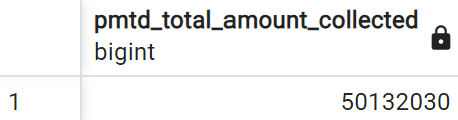
WHERE (SELECT EXTRACT(MONTH FROM issue\_date)) = 12 AND (SELECT EXTRACT(YEAR FROM issue\_date)) = 2021;

****

**PMTD Total Amount Received**

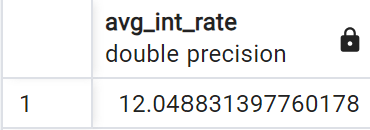
SELECT SUM(total\_payment) AS MTD\_Total\_Amount\_Collected FROM bank\_loan\_data

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

****

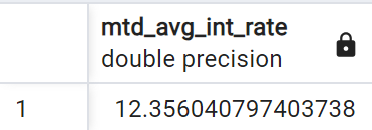
**Average Interest Rate**

SELECT AVG(int\_rate)\*100 AS Avg\_Int\_Rate FROM bank\_loan\_data;



**MTD Average Interest**

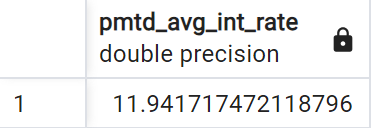
SELECT AVG(int\_rate)\*100 AS MTD\_Avg\_Int\_Rate FROM bank\_loan\_data

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


**PMTD Average Interest**

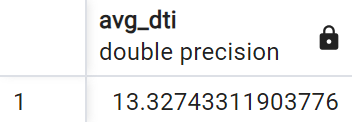
SELECT AVG(int\_rate)\*100 AS MTD\_Avg\_Int\_Rate FROM bank\_loan\_data

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



**Avg DTI**

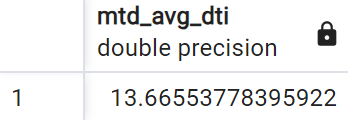
SELECT AVG(dti)\*100 AS Avg\_DTI FROM bank\_loan\_data;



**MTD Avg DTI**

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

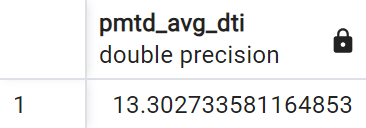
WHERE (SELECT EXTRACT(MONTH FROM issue\_date)) = 12 AND (SELECT EXTRACT(YEAR FROM issue\_date)) = 2021;



**PMTD Avg DTI**

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

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



**GOOD LOAN ISSUED**

**Good Loan Percentage**

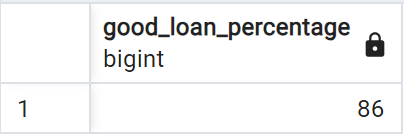
SELECT

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

/

(COUNT(id)) AS Good\_loan\_percentage

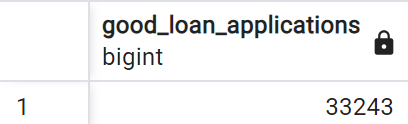
FROM bank\_loan\_data;



**Good Loan Applications**

SELECT COUNT(id) FROM bank\_loan\_data

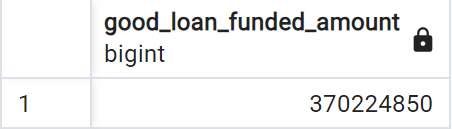
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current';



**Good Loan Funded Amount**

SELECT SUM(loan\_amount) as Good\_loan\_Funded\_amount FROM bank\_loan\_data

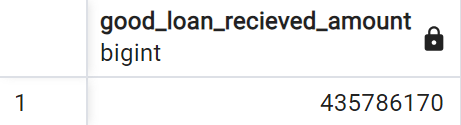
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current';



**Good Loan Amount Received**

SELECT SUM(total\_payment) as Good\_loan\_Recieved\_Amount FROM bank\_loan\_data

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



**BAD LOAN ISSUED**

**Bad Loan Percentage**

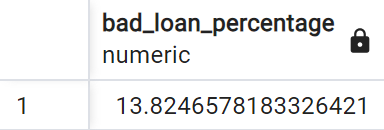
SELECT

(COUNT(CASE WHEN loan\_status='Charged Off' THEN id END)\*100)

/

(COUNT(id)) AS Bad\_loan\_percentage

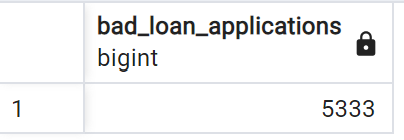
FROM bank\_loan\_data;



**Bad Loan Applications**

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

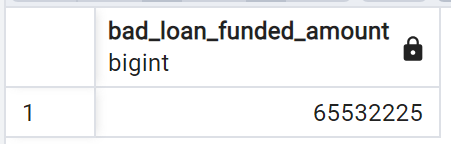
WHERE loan\_status = 'Charged Off'



**Bad Loan Funded Amount**

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

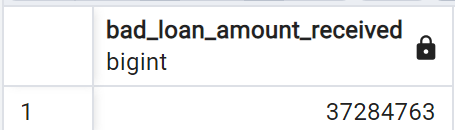
WHERE loan\_status = 'Charged Off'



**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 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

****

SELECT

loan\_status,

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

(SELECT EXTRACT(MONTH FROM issue\_date)) AS Month\_Number,

(SELECT TO\_CHAR(issue\_date, 'Month')) AS Month\_name,

COUNT(id) AS Total\_Loan\_Applications,

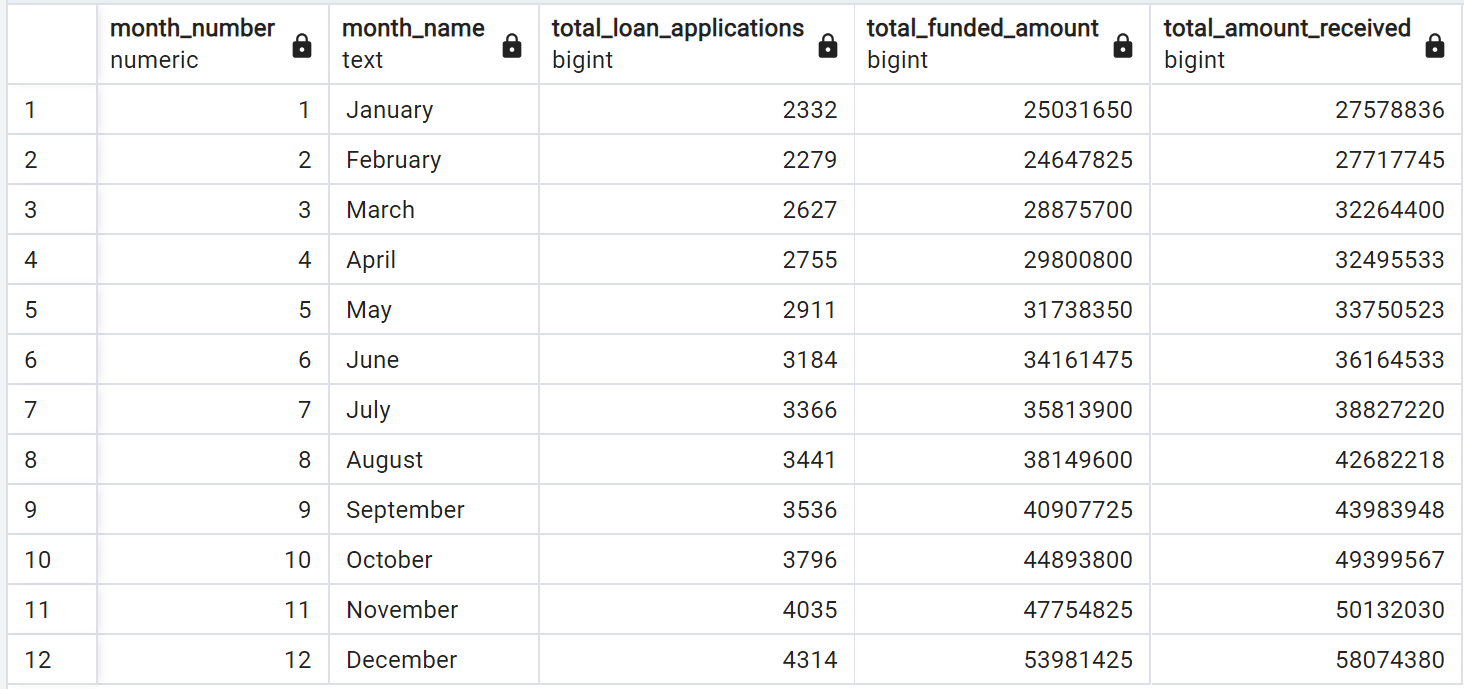
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY Month\_Number, Month\_name

ORDER BY Month\_Number;



**STATE**

SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

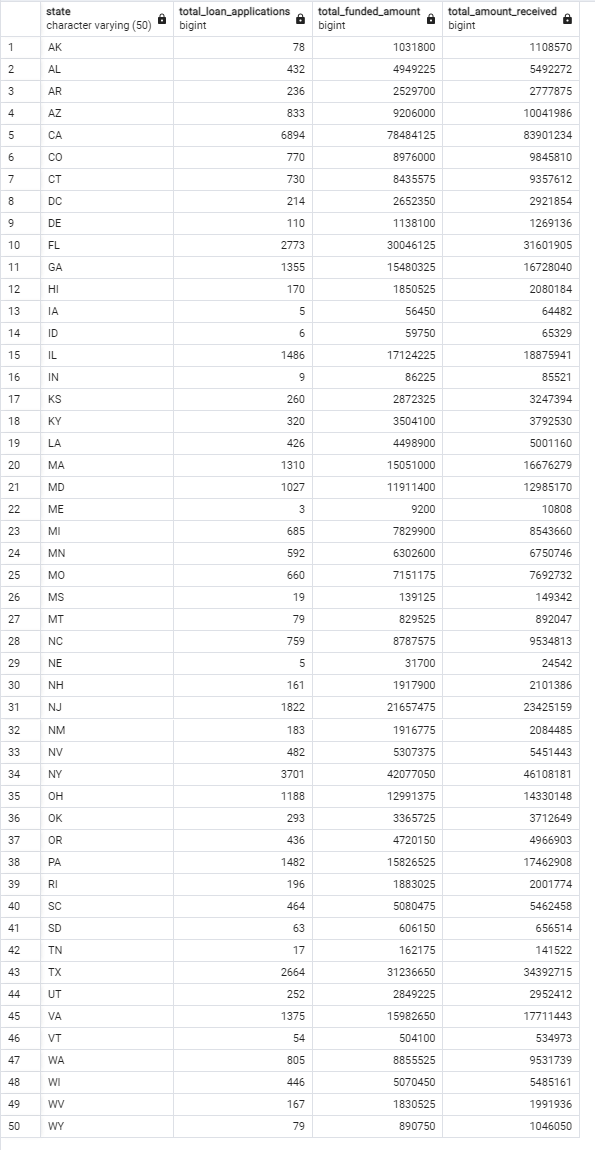
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY address\_state

ORDER BY address\_state;



**TERM**

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

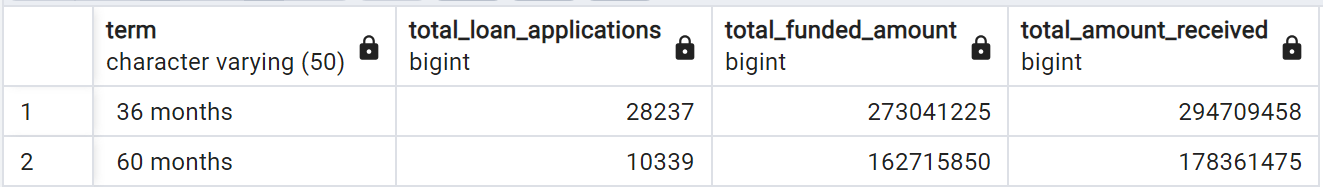
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY term

ORDER BY term;



**EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

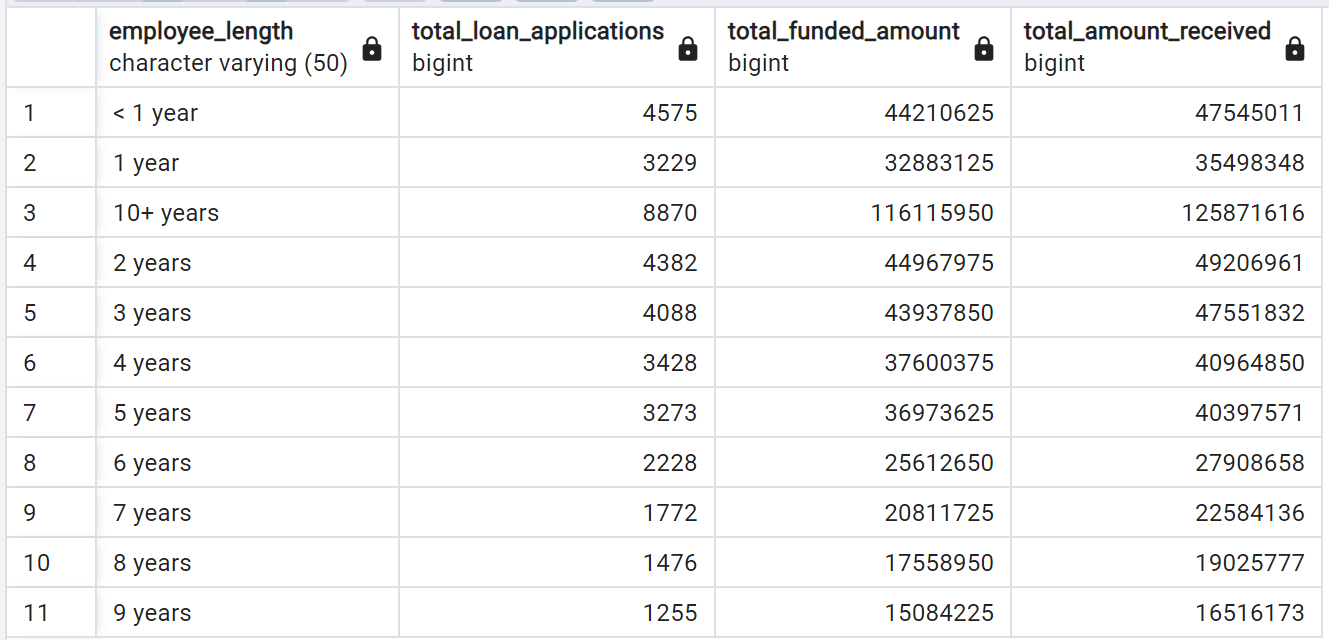
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY emp\_length

ORDER BY emp\_length;



**PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

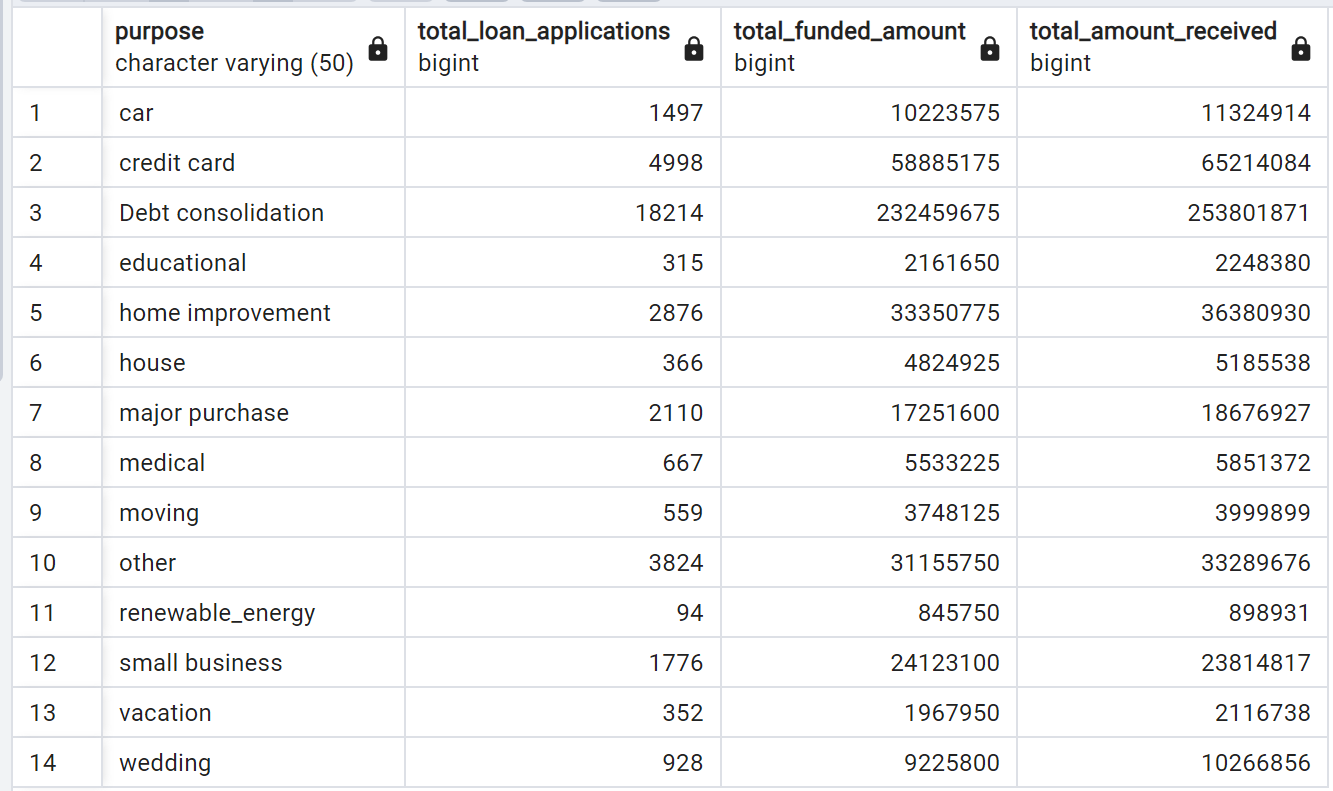
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY purpose

ORDER BY purpose;



**HOME OWNERSHIP**

SELECT

home\_ownership AS Home\_Ownership,

COUNT(id) AS Total\_Loan\_Applications,

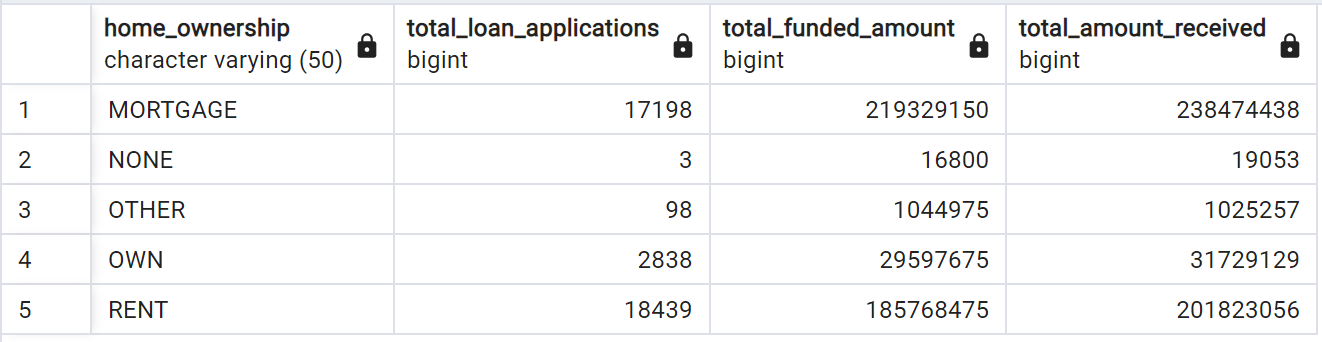
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY home\_ownership

ORDER BY home\_ownership;

****