**BANK LOAN REPORT QUERY DOCUMENT**

**BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications**

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



**MTD Loan Applications**

SELECT COUNT(id) as MTD\_Total\_Loan\_aplications from bank\_loan\_data

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

A close-up of a computer screen

Description automatically generated

**PMTD Loan Applications**

SELECT COUNT(id) as Total\_Loan\_aplications from bank\_loan\_data

WHERE MONTH(issue\_date)= 11

A close up of a logo

Description automatically generated

**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

A close-up of a receipt

Description automatically generated

**PMTD Total Funded Amount**

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

WHERE MONTH(issue\_date) = 11

A close-up of a number

Description automatically generated

**Total Amount Received**

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



**MTD Total Amount Received**

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

WHERE MONTH(issue\_date) = 12



**PMTD Total Amount Received**

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

WHERE MONTH(issue\_date) = 11



**Average Interest Rate**

SELECT AVG(int\_rate) \* 100 AS AVG\_ADI FROM bank\_loan\_data



**MTD Average Interest**

SELECT ROUND(AVG(int\_rate),4)\*100 AS MTD\_Avg\_Int\_Rate FROM bank\_loan\_data

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



**PMTD Average Interest**

SELECT ROUND(AVG(int\_rate),4)\*100 AS PMTD\_Avg\_Int\_Rate FROM bank\_loan\_data

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

A close-up of a white rectangle

Description automatically generated

**Avg DTI**

SELECT ROUND(AVG(DTI),4)\*100 AS AVG\_DTI FROM bank\_loan\_data

A screenshot of a computer

Description automatically generated

**MTD Avg DTI**

SELECT ROUND(AVG(DTI),4)\*100 AS MTD\_AVG\_DTI FROM bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021



**PMTD Avg DTI**

SELECT ROUND(AVG(DTI),4)\*100 AS PMTD\_AVG\_DTI FROM bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021

A close up of a computer screen

Description automatically generated

**GOOD LOAN ISSUED**

**Good Loan Percentage**

SELECT

(COUNT(CASE WHEN LOAN\_STATUS = 'Fully paid' or LOAN\_STATUS = 'CURRENT' THEN ID END) \* 100.0)

/

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'

A close-up of a check

Description automatically generated

**BAD LOAN ISSUED**

**Bad Loan Percentage**

SELECT

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

COUNT(i

d) AS Bad\_Loan\_Percentage

FROM bank\_loan\_data



**Bad Loan Applications**

select count(id) as bad\_loan\_application from bank\_loan\_data

where loan\_status='charged off'

A close up of a text

Description automatically generated

**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\_Amount\_Received,

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

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

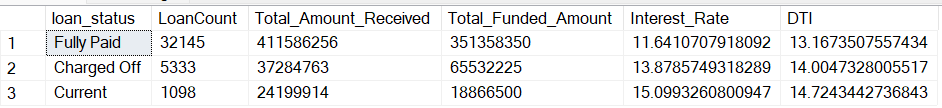
AVG(dti \* 100) AS DTI

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

A screenshot of a computer

Description automatically generated

**BANK LOAN REPORT | OVERVIEW**

**MONTH**

SELECT

MONTH(issue\_date) AS Month\_Nunber,

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

COUNT(id) AS Total\_Loan\_Applications,

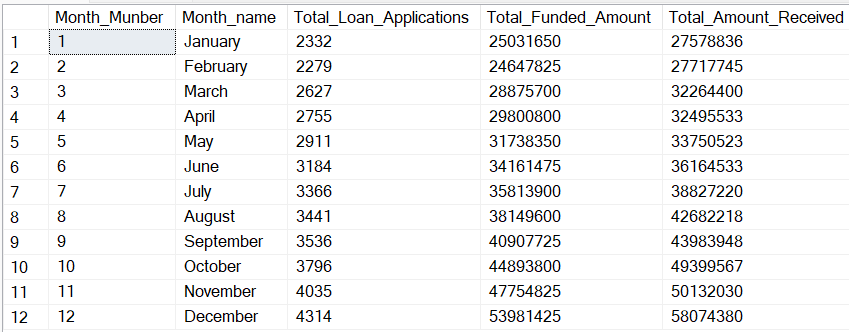
SUM(loan\_amount) AS Total\_Funded\_Amount,

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)



SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

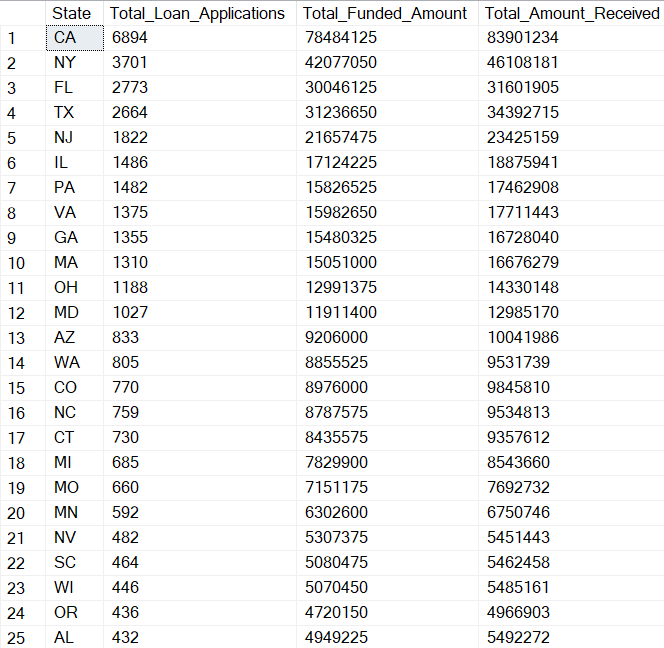
SUM(loan\_amount) AS Total\_Funded\_Amount,

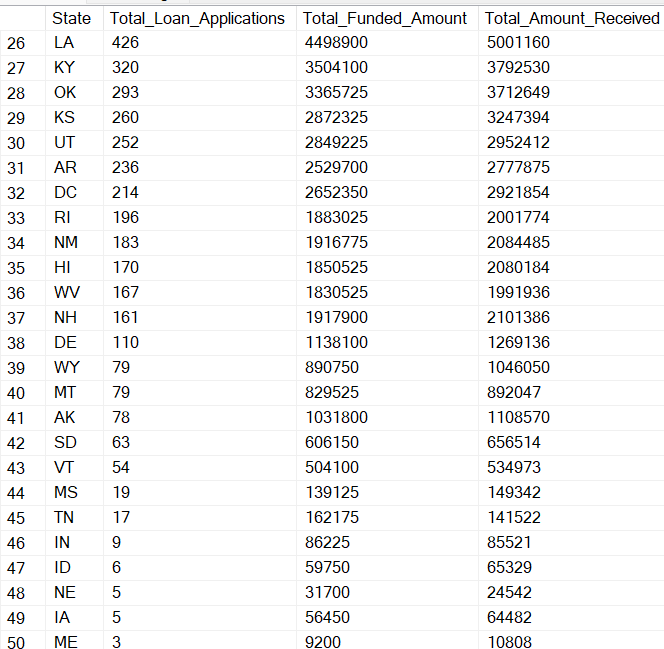
SUM(total\_payment) AS Total\_Amount\_Received

FROM bank\_loan\_data

GROUP BY address\_state

ORDER BY COUNT(id) desc





**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

A screenshot of a number

Description automatically generated

**EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

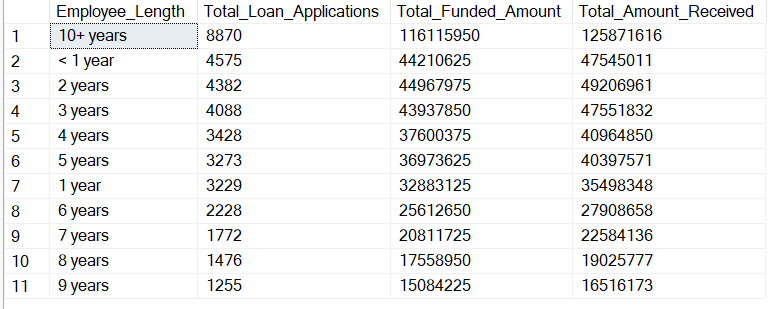
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY emp\_length

ORDER BY count(id) desc



**PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

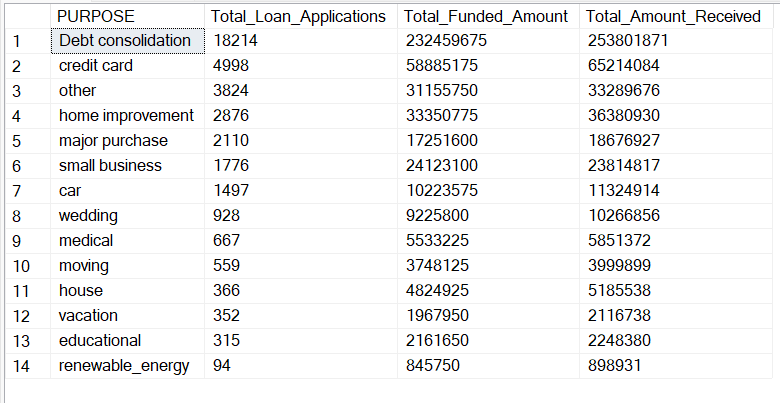
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY purpose

ORDER BY count(id) desc



**HOME OWNERSHIP**

SELECT

home\_ownership AS Home\_Ownership,

COUNT(id) AS Total\_Loan\_Applications,

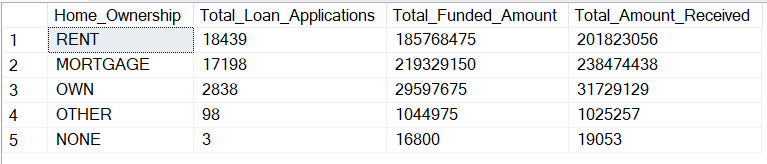
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY home\_ownership

ORDER BY count(id) desc



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

where grade = 'a' and address\_state = 'ca'

GROUP BY home\_ownership

ORDER BY count(id) desc

