**KPI’s**

**Total Loan Application**

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



**MTD Loan Application**

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

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



**Total Funded Amount**

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

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



**MTD Total Funded Amount**

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

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



**Total Amount Received**

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



**MTD Total Amount Received**

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

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



**PMTD Total Amount Received**

SELECT SUM(total\_payment) AS PMTD\_Total\_Amount\_received FROM bank\_loan\_data

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



**Average Interest Rate**

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



**MTD** **Average Interest Rate**

SELECT Round(AVG(int\_rate)\*100,2) AS MTD\_Avg\_Interest\_Rate FROM bank\_loan\_data

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



**PMTD** **Average Interest Rate**

SELECT Round(AVG(int\_rate)\*100,2) AS PMTD\_Avg\_Interest\_Rate FROM bank\_loan\_data

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



**Avg DTI**

SELECT Round(AVG(dti),4) \*100 AS Avg\_DTI FROM bank\_loan\_data



**MTD Avg DTI**

SELECT Round(AVG(dti),4) \*100 AS 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 Avg\_DTI FROM bank\_loan\_data

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



**GOOD LOAN ISSUED**

**% of GOOD Loan**

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



**No. of Good Loans**

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\_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\_Recieved FROM bank\_loan\_data

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\_Funded\_Amount,

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

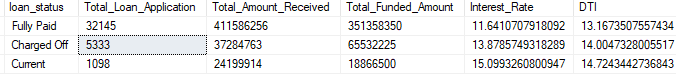
AVG(dti \* 100) AS DTI

FROM

bank\_loan\_data

GROUP BY

loan\_status



**MTD Loan Status**

SELECT

loan\_status,

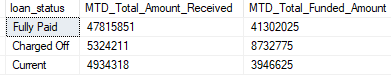
SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

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

FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status



**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,

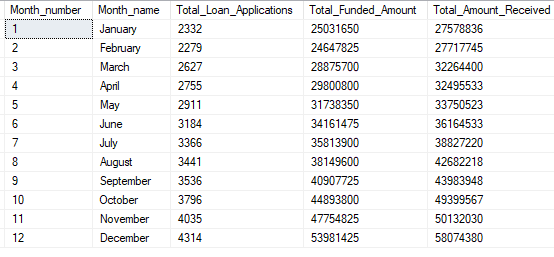
SUM(loan\_amount) AS Total\_Funded\_Amount,

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)



**STATE**

SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

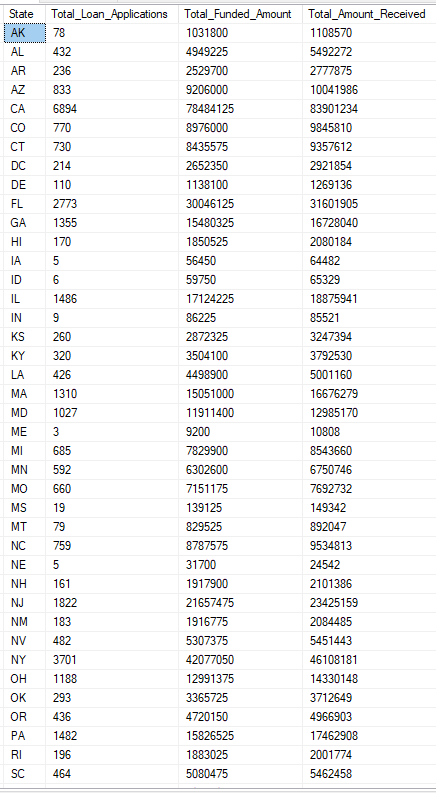
SUM(loan\_amount) AS Total\_Funded\_Amount,

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,

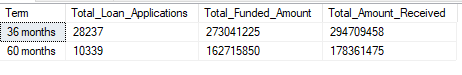
SUM(loan\_amount) AS Total\_Funded\_Amount,

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,

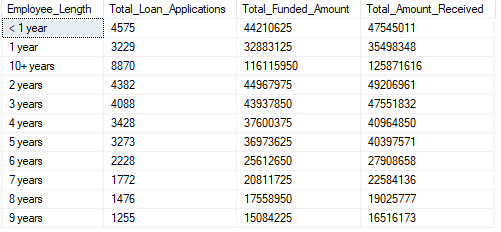
SUM(loan\_amount) AS Total\_Funded\_Amount,

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,

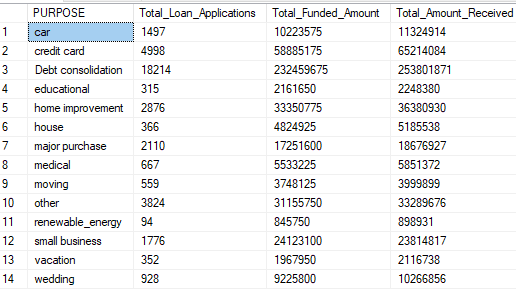
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

