**BANK LOAN REPORT QUERY**

**KPI’s:**

1. Total Loan Applications

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



1. MTD Loan Applications

SELECT COUNT(id) AS MTD\_Loan\_Applications FROM financial\_loan

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



1. PMTD Loan Applications

SELECT COUNT(id) AS PMTD\_Loan\_Applications FROM financial\_loan

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



1. Total Funded Amount

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



1. MonthToDate(MTD) Total Funded Amount

SELECT SUM(loan\_amount) as MTD\_Total\_Funded\_Amount FROM financial\_loan

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



1. PMTD Total Funded Amount

SELECT SUM(loan\_amount) as MTD\_Total\_Funded\_Amount FROM financial\_loan

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



1. Total Amount Received

SELECT SUM(total\_payment) as Total\_Amount\_Received FROM financial\_loan



1. MTD Total Amount Received

SELECT SUM(total\_payment) as MRD\_Total\_Amount\_Received FROM financial\_loan

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



1. PMTD Total Amount Received

SELECT SUM(total\_payment) as PMRD\_Total\_Amount\_Received FROM financial\_loan

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



1. Average Interest Rate

SELECT AVG(int\_rate) AS Average\_Interest\_Rate FROM financial\_loan



1. MTD Average Interest

SELECT AVG(int\_rate) AS MTD\_Average\_Interest\_Rate FROM financial\_loan

WHERE MONTH(issue\_date) = 12



1. PMTD Average Interest

SELECT AVG(int\_rate) AS PMTD\_Average\_Interest\_Rate FROM financial\_loan

WHERE MONTH(issue\_date) = 11



1. Average DTI

SELECT AVG(dti)\*100 AS Average\_DTI FROM financial\_loan



1. MTD Average DTI

SELECT AVG(dti)\*100 AS MTD\_Average\_DTI FROM financial\_loan

WHERE MONTH(issue\_date) = 12



1. PMTD Average DTI

SELECT AVG(dti)\*100 AS PMTD\_Average\_DTI FROM financial\_loan

WHERE MONTH(issue\_date) = 11



**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



1. **Good Loan Applications**

SELECT COUNT(id) AS Good\_Loan\_Applications FROM financial\_loan

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

****

1. **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'

****

1. **Good Loan Amount Received**

SELECT SUM(total\_payment) AS Good\_Loan\_Amount\_Received FROM financial\_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)\*100.0)/

COUNT(id) AS Bad\_Loan\_Percentage FROM financial\_loan



1. **Bad Loan Applications**

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

WHERE loan\_status = 'Charged Off'



1. **Bad Loan Funded Amount**

SELECT SUM(loan\_amount) AS Bad\_Loan\_Funded\_Amount FROM financial\_loan

WHERE loan\_status = 'Charged Off'



1. **Bad Loan Amount Received**

SELECT SUM(total\_payment) AS Bad\_Loan\_Amount\_Received FROM financial\_loan

WHERE loan\_status = 'Charged Off’



1. **LOAN STATUS**

SELECT loan\_status,

COUNT(id) AS LOAN\_APPLICATIONS,

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

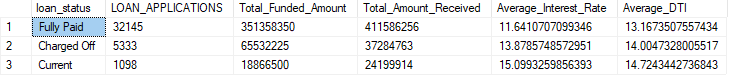
SUM(total\_payment) AS Total\_Amount\_Received,

AVG(int\_rate) AS Interest\_Rate,

AVG(dti)\*100 AS DTI

FROM financial\_loan

GROUP BY loan\_status

****

SELECT loan\_status,

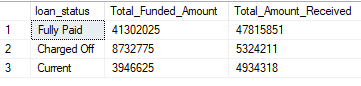
SUM(loan\_amount) As Total\_Funded\_Amount,

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

FROM financial\_loan

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status



* **BANK LOAN REPORT**

1. **MONTH**

SELECT

MONTH(issue\_date) AS MONTH\_NUMBER,

DATENAME(MONTH, issue\_date) AS MONTH\_NAME,

COUNT(id) AS LOAN\_APPLICATIONS,

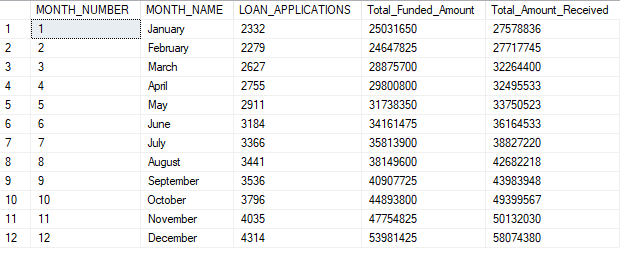
SUM(loan\_amount) AS Total\_Funded\_Amount ,

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

FROM financial\_loan

GROUP BY MONTH(issue\_date) , DATENAME(MONTH, issue\_date)

ORDER BY MONTH(issue\_date)

****

1. **TERM**

SELECT

term AS TERM,

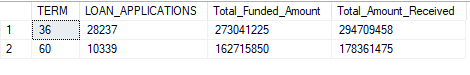
COUNT(id) AS LOAN\_APPLICATIONS,

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

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

FROM financial\_loan

GROUP BY term

****

1. **STATE**

SELECT

address\_state AS STATE,

COUNT(id) AS LOAN\_APPLICATIONS,

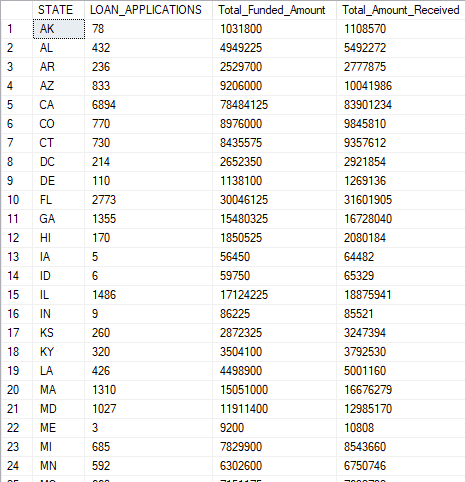
SUM(loan\_amount) AS Total\_Funded\_Amount ,

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

FROM financial\_loan

GROUP BY address\_state

ORDER BY address\_state

****

1. **EMPLOYEE LENGTH**

SELECT

emp\_length AS EMPLOYEE\_LENGTH,

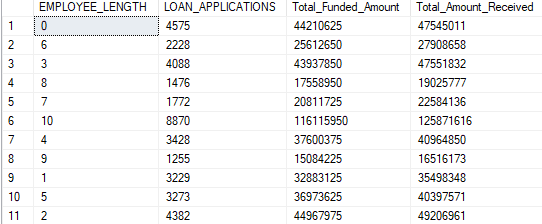
COUNT(id) AS LOAN\_APPLICATIONS,

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

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

FROM financial\_loan

GROUP BY emp\_length

****

1. **PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS LOAN\_APPLICATIONS,

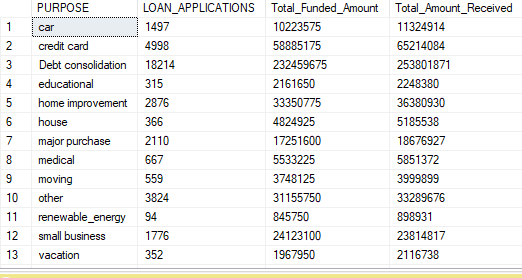
SUM(loan\_amount) AS Total\_Funded\_Amount ,

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

FROM financial\_loan

GROUP BY purpose

ORDER BY purpose

****

1. **HOME OWNERSHIP**

SELECT

home\_ownership AS HOME\_OWNERSHIP,

COUNT(id) AS LOAN\_APPLICATIONS,

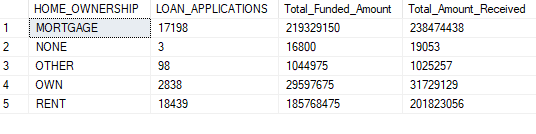
SUM(loan\_amount) AS Total\_Funded\_Amount ,

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

FROM financial\_loan

GROUP BY home\_ownership

ORDER BY home\_ownership

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