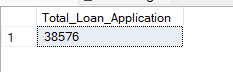
**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications**

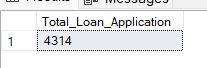
SELECT COUNT(id) AS Total\_Loan\_Application FROM financial\_loan



**MTD Loan Applications**

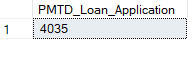
SELECT COUNT(id) AS MTD Loan\_Application FROM financial\_loan

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



**PMTD Loan Applications**  
SELECT COUNT(id) AS PMTD\_Loan\_Application FROM financial\_loan

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



**Total Funded Amount**

SELECT SUM(loan\_amount) AS Total\_Funded\_Data FROM financial\_loan



**MTD Total Funded Amount**

SELECT SUM(loan\_amount) AS MTD\_Funded\_Data FROM financial\_loan

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



**PMTD Total Funded Amount**

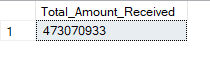
SELECT SUM(loan\_amount) AS PMTD\_Funded\_Data FROM financial\_loan

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



**Total Amount Received**

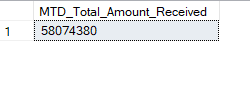
SELECT SUM(total\_payment) AS Total\_Amount\_Received FROM financial\_loan



**MTD Total Amount Received**

SELECT SUM(total\_payment) AS MTD\_Total\_Amount\_Received FROM financial\_loan

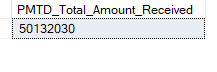
WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021



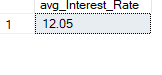
**PMTD Total Amount Received**

SELECT SUM(total\_payment) AS PMTD\_Total\_Amount\_Received FROM financial\_loan

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



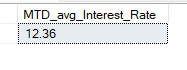
**Average Interest Rate**

SELECT ROUND(AVG(int\_rate),4)\* 100 AS avg\_Interest\_Rate FROM financial\_loan

**MTD Average Interest**

SELECT ROUND(AVG(int\_rate),4)\* 100 AS MTD\_avg\_Interest\_Rate FROM financial\_loan

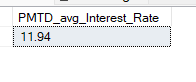
WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021



**PMTD Average Interest**

SELECT ROUND(AVG(int\_rate),4)\* 100 AS PMTD\_avg\_Interest\_Rate FROM financial\_loan

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



**Avg DTI**

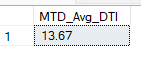
SELECT ROUND(AVG(dti),4)\*100 AS Avg\_DTI FROM financial\_loan



**MTD Avg DTI**

SELECT ROUND(AVG(dti),4)\*100 AS MTD\_Avg\_DTI FROM financial\_loan

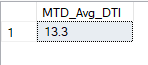
WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021



**PMTD Avg DTI**

SELECT ROUND(AVG(dti),4)\*100 AS MTD\_Avg\_DTI FROM financial\_loan

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



**GOOD LOAN ISSUED**

**Good Loan Percentage**

SELECT (COUNT(CASE

WHEN loan\_status ='fully paid' or loan\_status ='current'

THEN id

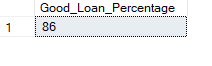
END)\*100

)

/

COUNT(id) AS Good\_Loan\_Percentage

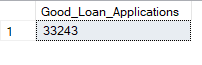
FROM financial\_loan

****

**Good Loan Applications**

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

WHERE loan\_status ='fully paid' or loan\_status ='current'

****

**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'

****

**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'

****

**BAD LOAN ISSUED**

**Bad Loan Percentage**

SELECT (COUNT(CASE

WHEN loan\_status ='Charged Off'

THEN id

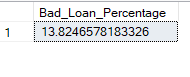
END)\*100.00

)

/

COUNT(id) AS Bad\_Loan\_Percentage

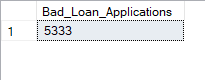
FROM financial\_loan

****

**Bad Loan Applications**

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

WHERE loan\_status = 'Charged Off'

****

**Bad Loan Funded Amount**

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

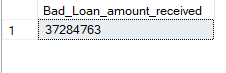
WHERE loan\_status = 'Charged Off'

****

**Bad Loan Amount Received**

SELECT SUM(total\_payment) AS Bad\_Loan\_amount\_received FROM financial\_loan

WHERE loan\_status = 'Charged Off'

****

**LOAN STATUS**

SELECT

loan\_status,

COUNT(id) AS LoanCounT-Application,

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

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

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

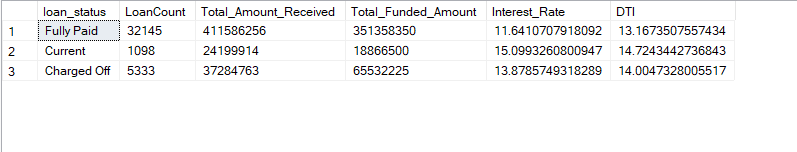
AVG(dti \* 100) AS DTI

FROM

financial\_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 financial\_loan

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status

****

1. **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,

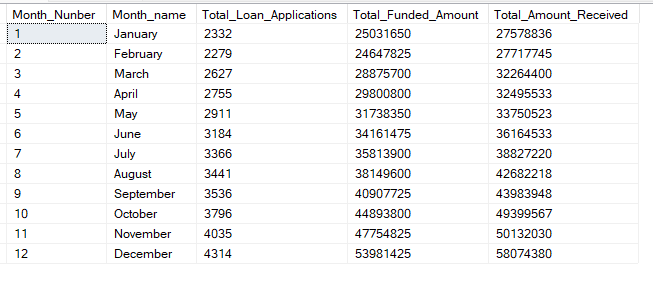
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

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,

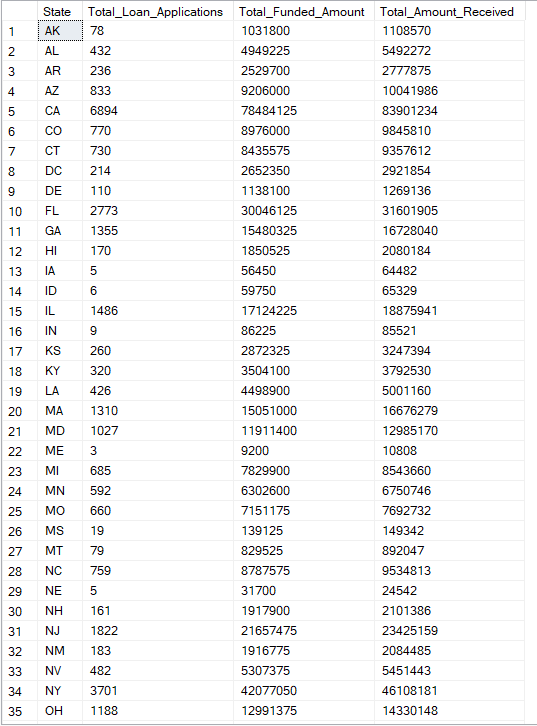
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY address\_state

ORDER BY address\_state

****

**TERM**

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

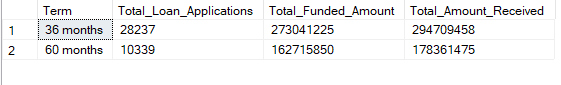
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY term

ORDER BY term

****

**EMPLOYEE LENGTH**

SELECT

emp\_length AS Employee\_Length,

COUNT(id) AS Total\_Loan\_Applications,

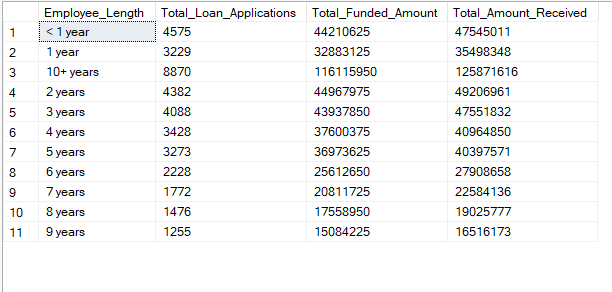
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY emp\_length

ORDER BY emp\_length

****

**PURPOSE**

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

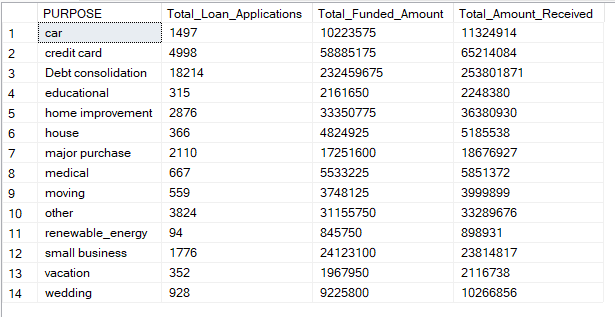
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY purpose

ORDER BY purpose

****

**HOME OWNERSHIP**

SELECT

home\_ownership AS Home\_Ownership,

COUNT(id) AS Total\_Loan\_Applications,

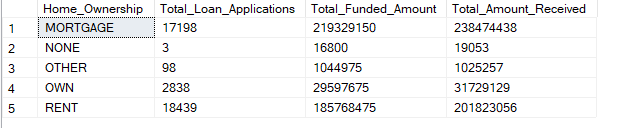
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM financial\_loan

GROUP BY home\_ownership

ORDER BY home\_ownership

**#**

*Note: We have applied multiple Filters on all the dashboards. You can check the results for the filters as well by modifying the query and comparing the results.*

*For e.g*

*See the results when we hit the Grade A in the filters for dashboards.*

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

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

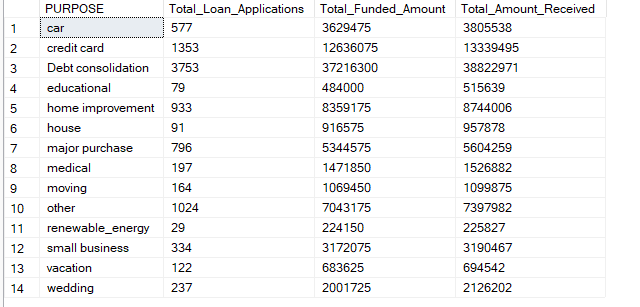
SUM(total\_payment) AS Total\_Amount\_Received

FROM financial\_loan

WHERE grade = 'A'

GROUP BY purpose

ORDER BY purpose

**