**BANK LOAN REPORT QUERIES**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

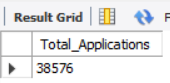
**Total Loan Applications:**

SELECT

COUNT(id) AS Total\_Applications

FROM

financial\_loan



**MTD Loan Applications**

SELECT

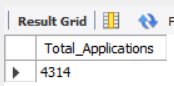
COUNT(id) AS Total\_Applications

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 12;



**PMTD Loan Applications**  
SELECT

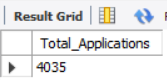
COUNT(id) AS Total\_Applications

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 11;



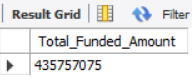
**Total Funded Amount**

SELECT

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

FROM

financial\_loan



**MTD Total Funded Amount**

SELECT

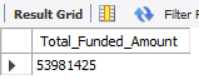
SUM(loan\_amount) AS Total\_Funded\_Amount

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 12;



**PMTD Total Funded Amount**

SELECT

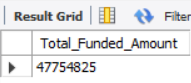
SUM(loan\_amount) AS Total\_Funded\_Amount

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 11;



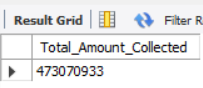
**Total Amount Received**

SELECT

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

FROM

financial\_loan



**MTD Total Amount Received**

SELECT

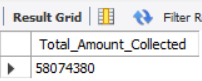
SUM(total\_payment) AS Total\_Amount\_Collected

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 12;



**PMTD Total Amount Received**

SELECT

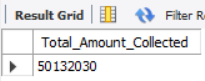
SUM(total\_payment) AS Total\_Amount\_Collected

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 11;



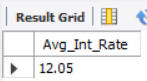
**Average Interest Rate**

SELECT

ROUND(AVG(int\_rate) \* 100, 2) AS Avg\_Int\_Rate

FROM

financial\_loan;



**MTD Average Interest**

SELECT

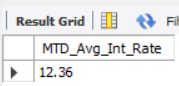
ROUND(AVG(int\_rate) \* 100, 2) AS MTD\_Avg\_Int\_Rate

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 12;



**PMTD Average Interest**

SELECT

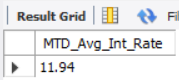
ROUND(AVG(int\_rate) \* 100, 2) AS MTD\_Avg\_Int\_Rate

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 11;



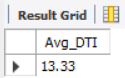
**Avg DTI**

SELECT

ROUND(AVG(dti) \* 100, 2) AS Avg\_DTI

FROM

financial\_loan



**MTD Avg DTI**

SELECT

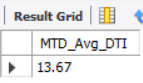
ROUND(AVG(dti) \* 100, 2) AS MTD\_Avg\_DTI

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 12;



**PMTD Avg DTI**

SELECT

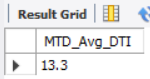
ROUND(AVG(dti) \* 100, 2) AS MTD\_Avg\_DTI

FROM

financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 12;



**GOOD LOAN ISSUED**

**Good Loan Percentage**

SELECT

ROUND((COUNT(CASE

WHEN

loan\_status = 'Fully Paid'

OR loan\_status = 'Current'

THEN

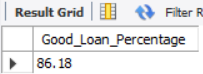
id

END) \* 100.0) / COUNT(id),

2) AS Good\_Loan\_Percentage

FROM

financial\_loan



**Good Loan Applications**

SELECT

COUNT(id) AS Good\_Loan\_Applications

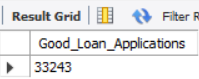
FROM

financial\_loan

WHERE

loan\_status = 'Fully Paid'

OR loan\_status = 'Current'

****

**Good Loan Funded Amount**

SELECT

SUM(loan\_amount) AS Good\_Loan\_Funded\_amount

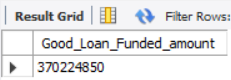
FROM

financial\_loan

WHERE

loan\_status = 'Fully Paid'

OR loan\_status = 'Current'

****

**Good Loan Amount Received**

SELECT

SUM(total\_payment) AS Good\_Loan\_amount\_received

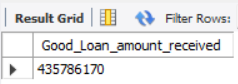
FROM

financial\_loan

WHERE

loan\_status = 'Fully Paid'

OR loan\_status = 'Current'

****

**BAD LOAN ISSUED**

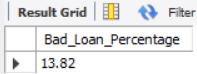
**Bad Loan Percentage**

SELECT

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

COUNT(id), 2) AS Bad\_Loan\_Percentage

FROM financial\_loan

****

**Bad Loan Applications**

SELECT

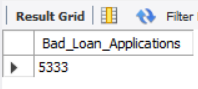
COUNT(id) AS Bad\_Loan\_Applications

FROM

financial\_loan

WHERE

loan\_status = 'Charged Off'

****

**Bad Loan Funded Amount**

SELECT

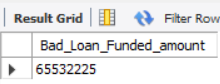
SUM(loan\_amount) AS Bad\_Loan\_Funded\_amount

FROM

financial\_loan

WHERE

loan\_status = 'Charged Off'

****

**Bad Loan Amount Received**

SELECT

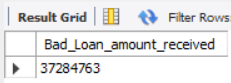
SUM(total\_payment) AS Bad\_Loan\_amount\_received

FROM

financial\_loan

WHERE

loan\_status = 'Charged Off'

****

**LOAN STATUS**

SELECT

loan\_status,

COUNT(id) AS LoanCount,

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

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

ROUND(AVG(int\_rate \* 100), 2) AS Interest\_Rate,

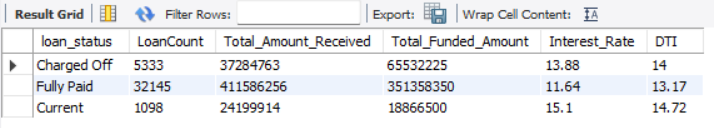
ROUND(AVG(dti \* 100), 2) AS DTI

FROM

financial\_loan

GROUP BY

loan\_status

****

SELECT

loan\_status,

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

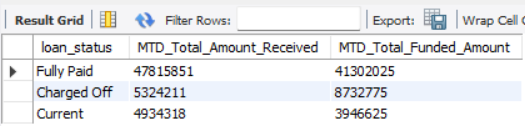
SUM(loan\_amount) AS MTD\_Total\_Funded\_Amount

FROM financial\_loan

WHERE

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) = 12

GROUP BY loan\_status;



1. **BANK LOAN REPORT | OVERVIEW**

**MONTH**

SELECT

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) AS Month\_Number,

MONTHNAME(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')) 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

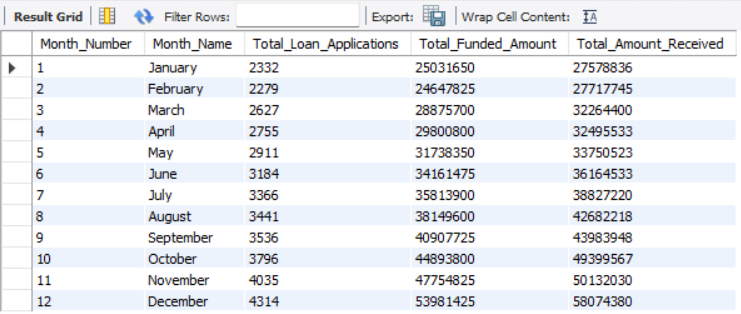
GROUP BY

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y')),

MONTHNAME(STR\_TO\_DATE(issue\_date, '%d-%m-%Y'))

ORDER BY

MONTH(STR\_TO\_DATE(issue\_date, '%d-%m-%Y'));

****

**STATE**

SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

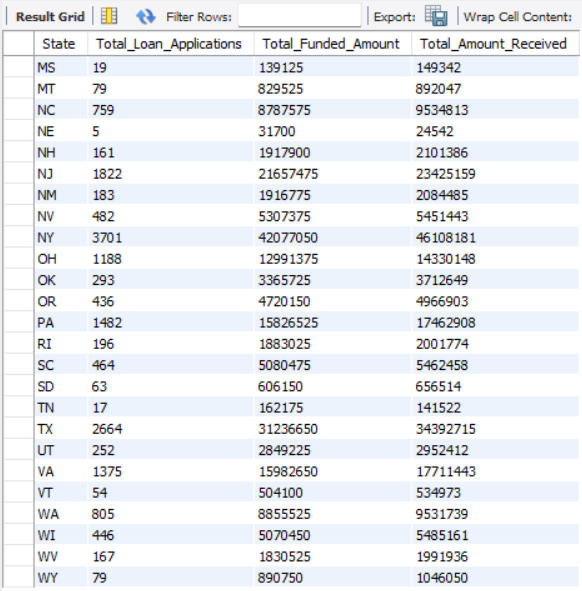
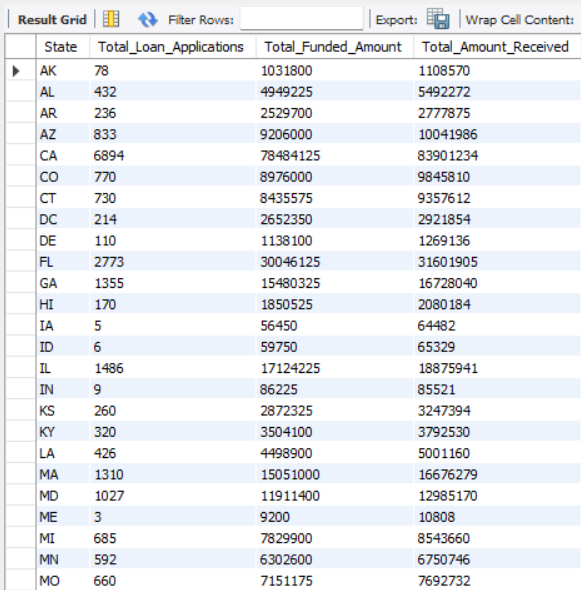
SUM(loan\_amount) AS Total\_Funded\_Amount,

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,

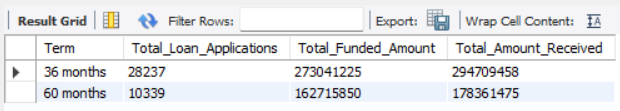
SUM(total\_payment) AS Total\_Amount\_Received

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,

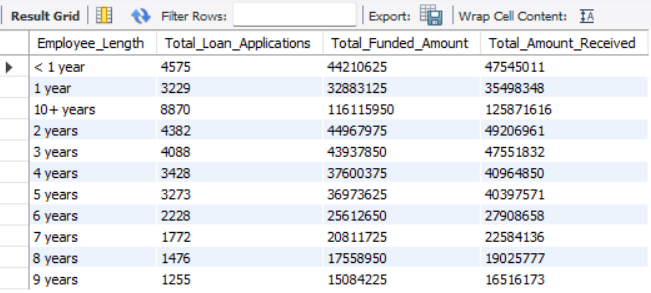
SUM(total\_payment) AS Total\_Amount\_Received

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,

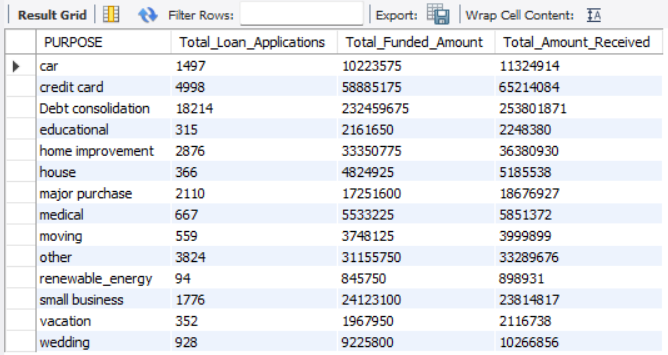
SUM(total\_payment) AS Total\_Amount\_Received

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,

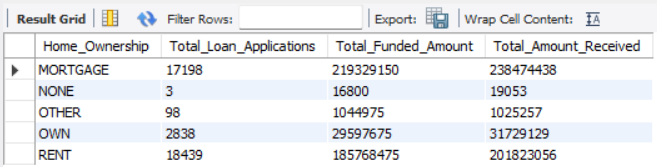
SUM(total\_payment) AS Total\_Amount\_Received

FROM

financial\_loan

GROUP BY home\_ownership

ORDER BY home\_ownership

****