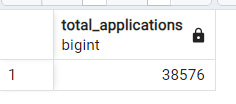
BANK LOAN DASHBOARD QUERIES

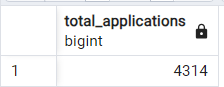
1. Total Applications

select count(id) as Total\_Applications from bank\_loan;



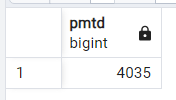
1. MTD Loan Applications

select count(id) as Total\_Applications from bank\_loan where extract(month from issue\_date) = 12;



1. PMTD Loan Applications

select count(id) as PMTD from bank\_loan where extract(month from issue\_date) = 11;



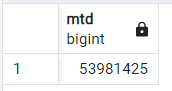
1. Total Funded Amount

select sum(loan\_amount) as Total\_funded\_amount from bank\_loan;



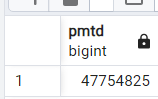
1. This Month Funded Amount

select sum(loan\_amount) as MTD from bank\_loan where extract(month from issue\_date) = 12;



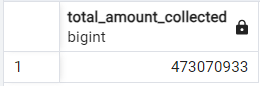
1. Previous Month Funded Amount

select sum(loan\_amount) as PMTD from bank\_loan where extract(month from issue\_date) = 11;



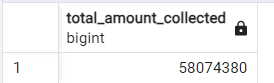
1. Total Amount Received

select sum(total\_payment) as Total\_Amount\_collected from bank\_loan;



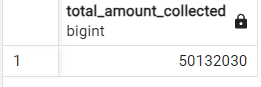
1. Total amount received last month

select sum(total\_payment) as Total\_Amount\_collected from bank\_loan where extract(month from issue\_date)= 12;



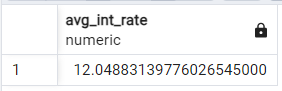
1. Total Amount Received Previous Month

select sum(total\_payment) as Total\_Amount\_collected from bank\_loan where extract(month from issue\_date)= 11;



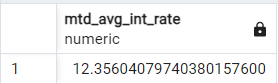
1. Avg Interest Rate

select avg(int\_rate)\*100 as avg\_int\_rate from bank\_loan;



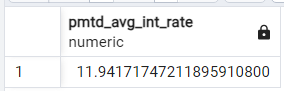
1. MTD Avg Interest Rate

select avg(int\_rate)\*100 as MTD\_avg\_int\_rate from bank\_loan where extract(month from issue\_date)= 12;



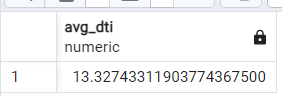
1. PMTD Avg Interest Rate

select avg(int\_rate)\*100 as PMTD\_avg\_int\_rate from bank\_loan where extract(month from issue\_date)= 11;



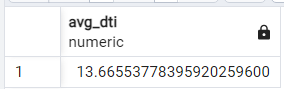
1. Avg DTI

select avg(dti)\*100 as avg\_dti from bank\_loan;



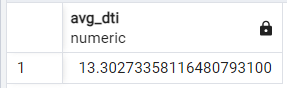
1. LM Avg dti

select avg(dti)\*100 as avg\_dti from bank\_loan where extract(month from issue\_date)=12;



1. PM Avg dti

select avg(dti)\*100 as avg\_dti from bank\_loan where extract(month from issue\_date)=11;



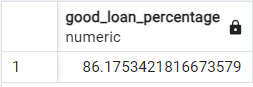
1. Good Loan Percentage

SELECT

(COUNT(CASE WHEN loan\_status = 'Fully Paid' OR loan\_status = 'Current' THEN id END) \* 100.0) /

COUNT(id) AS Good\_Loan\_Percentage

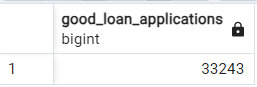
FROM bank\_loan;



1. Good Loan Applications

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

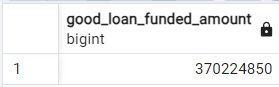
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current';



1. Good Loan Funded Amount

SELECT SUM(loan\_amount) AS Good\_Loan\_Funded\_amount FROM bank\_loan

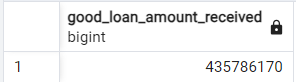
WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current';



1. Good Loan Amount Received

SELECT SUM(total\_payment) AS Good\_Loan\_amount\_received FROM bank\_loan

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



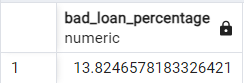
1. Bad Loan Percentage

SELECT

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

COUNT(id) AS Bad\_Loan\_Percentage

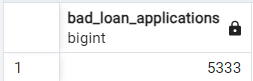
FROM bank\_loan;



1. Bad Loan Applications

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

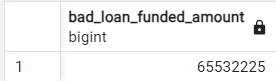
WHERE loan\_status = 'Charged Off'



1. Bank Loan Funded Amount

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

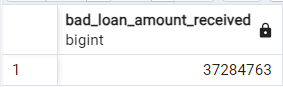
WHERE loan\_status = 'Charged Off';



1. Bad Loan Amount Received

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

WHERE loan\_status = 'Charged Off'



1. Loan Status

SELECT

loan\_status,

COUNT(id) AS LoanCount,

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

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

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

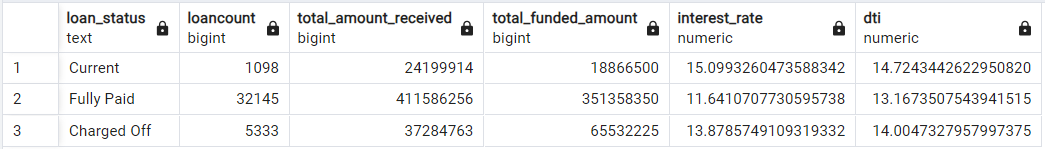
AVG(dti \* 100) AS DTI

FROM

bank\_loan

GROUP BY

loan\_status;



1. MTD Loan Status

SELECT

loan\_status,

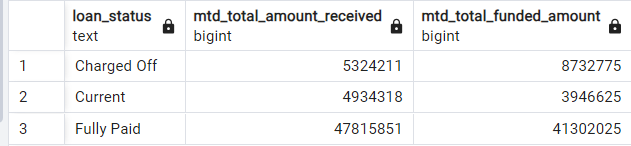
SUM(total\_payment) AS MTD\_Total\_Amount\_Received,

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

FROM bank\_loan

WHERE extract(MONTH from issue\_date) = 12

GROUP BY loan\_status;



1. Bank Loan Month wise

SELECT

EXTRACT(MONTH FROM issue\_date) AS Month\_Number,

TO\_CHAR(issue\_date, 'Month') AS Month\_Name,

COUNT(id) AS Total\_Loan\_Applications,

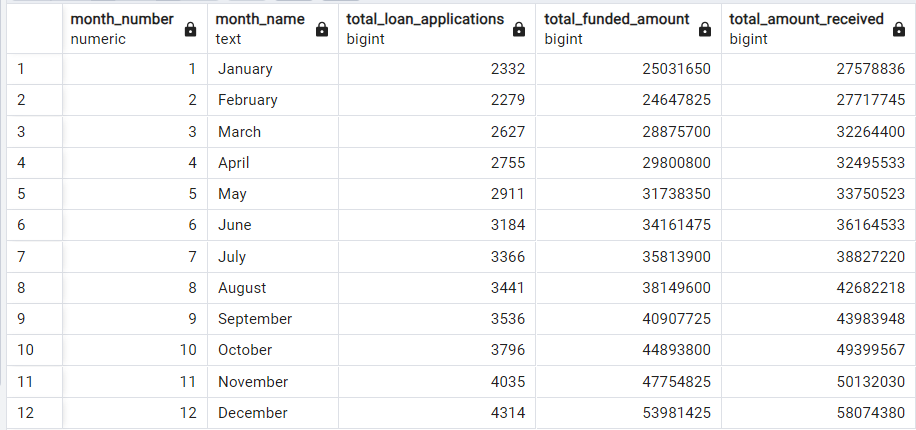
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan

GROUP BY EXTRACT(MONTH FROM issue\_date), TO\_CHAR(issue\_date, 'Month')

ORDER BY EXTRACT(MONTH FROM issue\_date);



1. State wise

SELECT

address\_state AS State,

COUNT(id) AS Total\_Loan\_Applications,

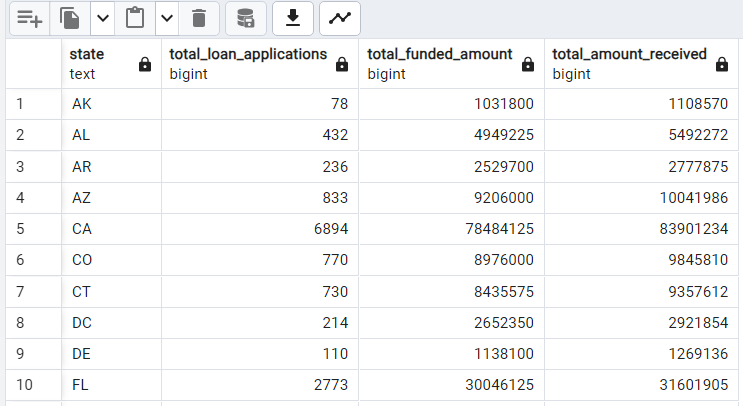
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan

GROUP BY address\_state

ORDER BY address\_state;



1. Loan Term

SELECT

term AS Term,

COUNT(id) AS Total\_Loan\_Applications,

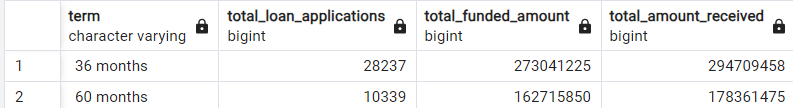
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan

GROUP BY term

ORDER BY term



1. Purpose

SELECT

purpose AS PURPOSE,

COUNT(id) AS Total\_Loan\_Applications,

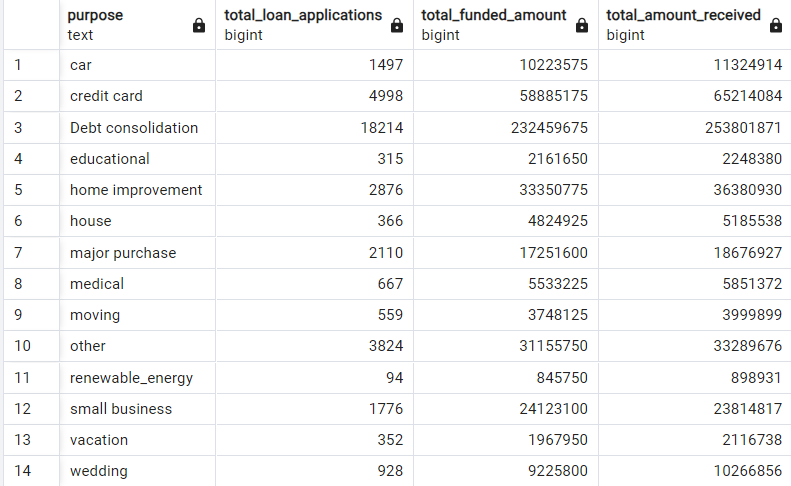
SUM(loan\_amount) AS Total\_Funded\_Amount,

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

FROM bank\_loan\_data

GROUP BY purpose

ORDER BY purpose



1. 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

GROUP BY home\_ownership

ORDER BY home\_ownership

