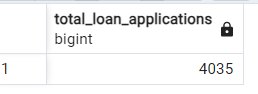
**SQL Queries used in Bank Report**

Total Loan Applications

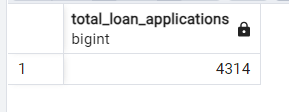
select count(id) AS Total\_loan\_applications from financial\_loan



MTD Loan Applications

select count(id) AS Total\_loan\_applications from financial\_loan

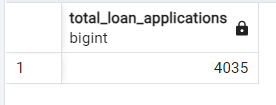
where Extract(Month from issue\_date)=12



PMTD Loan Applications

select count(id) AS Total\_loan\_applications from financial\_loan

where Extract(Month from issue\_date)=11



Total funded amount

Select sum(loan\_amount) As Total\_funded\_amount

From financial\_loan



MTD Total funded amount

Select sum(loan\_amount) As MTD\_Total\_funded\_amount

From financial\_loan

where extract(month from issue\_date)=12

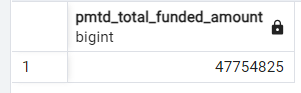


PMTD Total funded amount

Select sum(loan\_amount) As PMTD\_Total\_funded\_amount

From financial\_loan

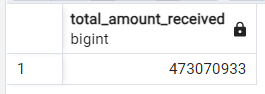
where extract(month from issue\_date)=11



Total Amount Received

Select sum(total\_payment) As Total\_Amount\_received

From financial\_loan

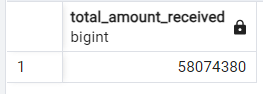


MTD Total Amount Received

Select sum(total\_payment) As Total\_Amount\_received

From financial\_loan

where extract(Month from issue\_date)=12

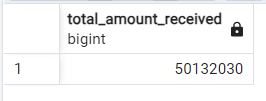


PMTD Total Amount Received

Select sum(total\_payment) As Total\_Amount\_received

From financial\_loan

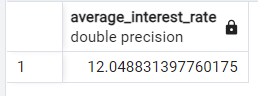
where extract(Month from issue\_date)=11



Average Interest Rate

select avg(int\_rate)\*100 as Average\_interest\_rate

from financial\_loan

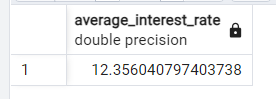


MTD Average Interest Rate

select avg(int\_rate)\*100 as Average\_interest\_rate

from financial\_loan

where extract(month from issue\_date)=12

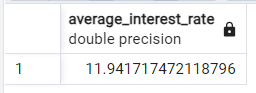


PMTD Average Interest Rate

select avg(int\_rate)\*100 as Average\_interest\_rate

from financial\_loan

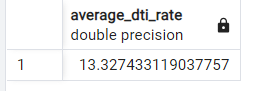
where extract(month from issue\_date)=11



Average DTI

select avg(dti)\*100 as Average\_dti\_rate

from financial\_loan

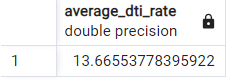


MTD Average DTI

select avg(dti)\*100 as Average\_dti\_rate

from financial\_loan

where extract(month from issue\_date)=12

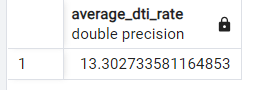


PMTD Average DTI

select avg(dti)\*100 as Average\_dti\_rate

from financial\_loan

where extract(month from issue\_date)=11



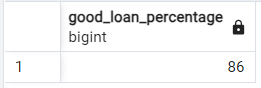
Good Loan Percentage

Select

(count(case when loan\_status='Fully Paid' or loan\_status='Current' then id END)\*100

)/count(id) As Good\_Loan\_Percentage

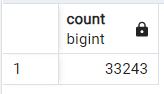
from financial\_loan



Good Loan Applications

select count(id) from financial\_loan As Good\_loan

where loan\_status='Fully Paid' or loan\_status='Current'



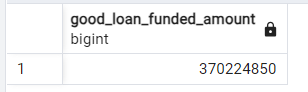
Good Loan Funded Amount

select

(sum(case when loan\_status='Fully Paid' or loan\_status='Current' then loan\_amount END)

) as Good\_loan\_funded\_amount

From financial\_loan



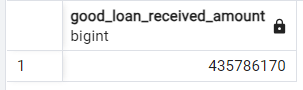
Good Loan Total Received Amount

select

(sum(case when loan\_status='Fully Paid' or loan\_status='Current' then total\_payment END)

) as Good\_loan\_Received\_amount

From financial\_loan



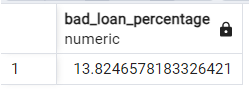
Bad loan percentage

select

(count(case when loan\_status = 'Charged Off' then id END )\*100.0

)/count(id) as Bad\_loan\_percentage

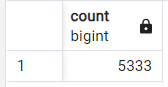
from financial\_loan



Bad Loan Applications

select count(id) from financial\_loan As Bad\_loan

where loan\_status='Charged Off'



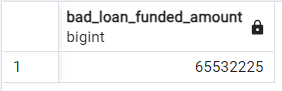
Bad Loan Funded Amount

select

(sum(case when loan\_status='Charged Off' then loan\_amount END)

) as Bad\_loan\_funded\_amount

From financial\_loan



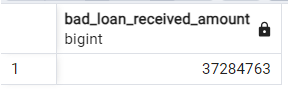
Bad loan Total Received Amount

select

(sum(case when loan\_status='Charged Off' then total\_payment END)

) as Bad\_loan\_received\_amount

From financial\_loan



Bank Loan Report by Month

Select

Extract (Month from issue\_date) as Month\_number,

TO\_CHAR(issue\_date, 'Month') AS month\_name,

count(id) as Total\_loan\_applications,

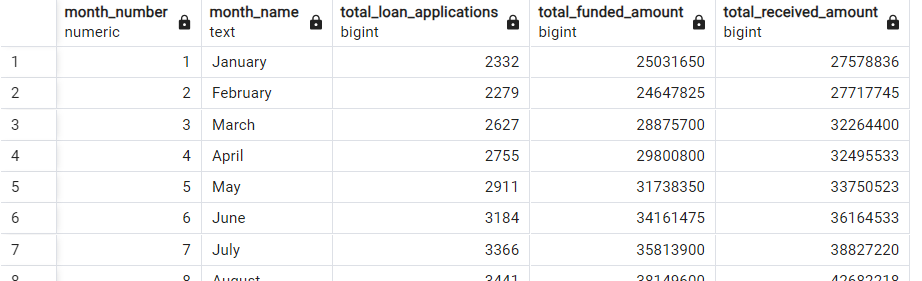
sum(loan\_amount) as Total\_funded\_amount,

sum(total\_payment) as Total\_received\_amount

from financial\_loan

group by 1,2

order by 1



Bank Loan Report by State

Select

address\_state as State,

count(id) as Total\_loan\_applications,

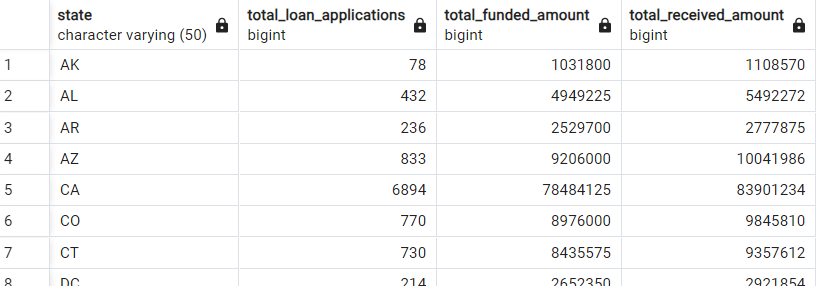
sum(loan\_amount) as Total\_funded\_amount,

sum(total\_payment) as Total\_received\_amount

from financial\_loan

group by 1

order by 1



Bank Loan Report by Term

Select

term as Loan\_Term,

count(id) as Total\_loan\_applications,

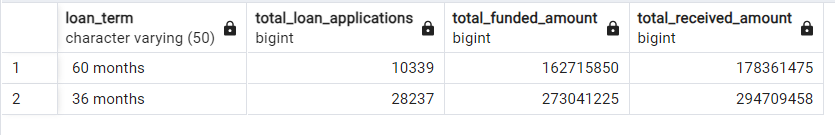
sum(loan\_amount) as Total\_funded\_amount,

sum(total\_payment) as Total\_received\_amount

from financial\_loan

group by 1

order by 1 desc



Bank Loan Report by Employee Length

Select

emp\_length as Employee\_length,

count(id) as Total\_loan\_applications,

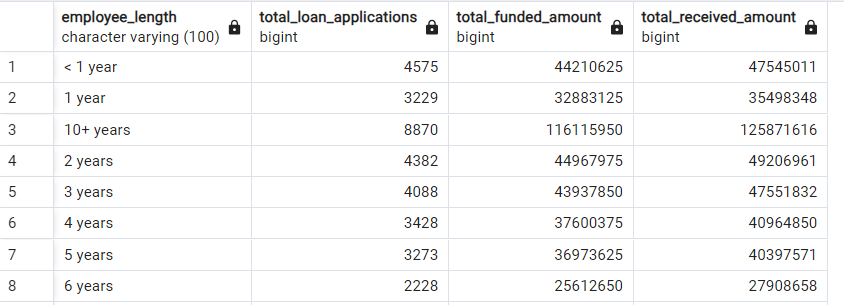
sum(loan\_amount) as Total\_funded\_amount,

sum(total\_payment) as Total\_received\_amount

from financial\_loan

group by 1

order by 1



Bank Loan Report by Purpose

Select

purpose as Loan\_purpose,

count(id) as Total\_loan\_applications,

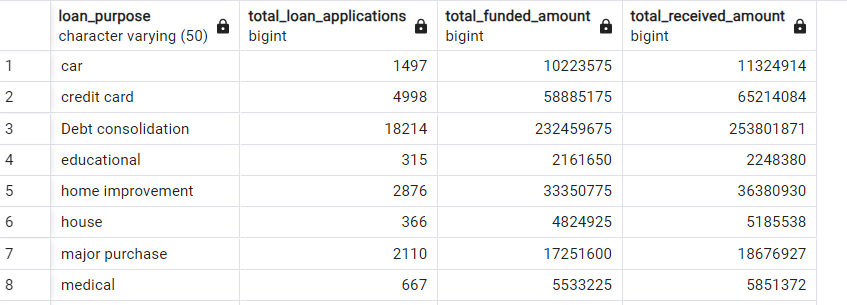
sum(loan\_amount) as Total\_funded\_amount,

sum(total\_payment) as Total\_received\_amount

from financial\_loan

group by 1

order by 1



Bank Loan Report by Home Ownership

Select

home\_ownership as Home\_Ownership,

count(id) as Total\_loan\_applications,

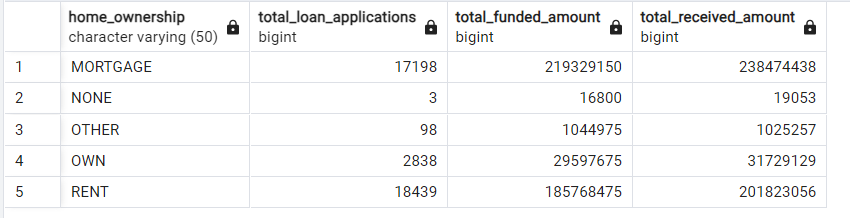
sum(loan\_amount) as Total\_funded\_amount,

sum(total\_payment) as Total\_received\_amount

from financial\_loan

group by 1

order by 1



Loan Status Grid View

select

loan\_status,

count(id) as LoanCount,

sum(total\_payment) As total\_amount\_recieved,

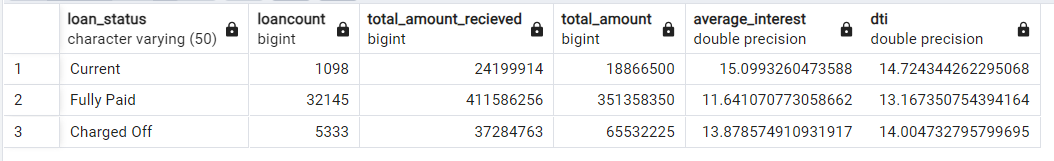
sum(loan\_amount) as Total\_amount,

avg(int\_rate\*100) as Average\_interest,

avg(dti\*100) as DTI

from financial\_loan

group by loan\_status



MTD Loan Status Grid View

select

loan\_status,

sum(total\_payment) As MTD\_total\_amount\_recieved,

sum(loan\_amount) as MTD\_Total\_loan\_amount

from financial\_loan

where extract(month from issue\_date)=12

group by loan\_status

