**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

KPI’s:

Total Loan Applications:

1. select count(id) as Total\_Loan\_Applications from bank\_loan\_data



MTD Loan Applications:

1. select count(id) as MTD\_Total\_Loan\_Applications from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021



PMTD Loan Applications:

1. select count(id) as PMTD\_Total\_Loan\_Applications from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021



Total Funded Amount:

1. select sum(loan\_amount) as Total\_Funded\_Amount from bank\_loan\_data



MTD Total Funded Amount:

1. select sum(loan\_amount) as MTD\_Total\_Funded\_Amount from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021



PMTD Total Funded Amount:

1. select sum(loan\_amount) as PMTD\_Total\_Funded\_Amount from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021



Total Amount Received:

1. select sum(total\_payment) as Total\_Amount\_Received from bank\_loan\_data



MTD Total Amount Received:

1. select sum(total\_payment) as MTD\_Total\_Amount\_Received from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021



PMTD Total Amount Received:

1. select sum(total\_payment) as PMTD\_Total\_Amount\_Received from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021



Average Interest Rate:

1. select avg(int\_rate) \* 100 as Average\_Interest\_Rate from bank\_loan\_data



MTD Average Interest Rate:

1. select round(avg(int\_rate), 4) \* 100 as MTD\_Average\_Interest\_Rate from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021



PMTD Average Interest Rate:

1. select round(avg(int\_rate), 4) \* 100 as PMTD\_Average\_Interest\_Rate from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021



AVG DTI:

1. select round(avg(dti), 4) \* 100 as Avg\_DTI from bank\_loan\_data



MTD AVG DTI:

1. select round(avg(dti), 4) \* 100 as MTD\_Avg\_DTI from bank\_loan\_data

where month(issue\_date) = 12 and year(issue\_date) = 2021



PMTD AVG DTI:

1. select round(avg(dti), 4) \* 100 as PMTD\_Avg\_DTI from bank\_loan\_data

where month(issue\_date) = 11 and year(issue\_date) = 2021



GOOD LOAN ISSUED

Good Loan Percentage:

1. select (count(case when loan\_status = 'Fully Paid' or loan\_status = 'Current' then id end) \* 100)

/

count(id) as Good\_Loan\_Percentage

from bank\_loan\_data



Good Loan Applications:

1. select count(id) as Good\_Loan\_Application from bank\_loan\_data

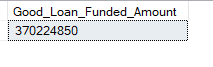
where loan\_status = 'Fully Paid' or loan\_status = 'Current'



Good Loan Funded Amount:

1. select sum(loan\_amount) as Good\_Loan\_Funded\_Amount from bank\_loan\_data

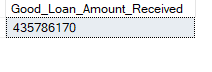
where loan\_status = 'Fully Paid' or loan\_status = 'Current'



Good Loan Amount Received:

1. 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:

1. select (count(case when loan\_status = 'Charged Off' then id end) \* 100.0) /

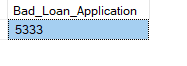
count(id) as Bad\_Loan\_Percentage from bank\_loan\_data



Bad Loan Application:

1. select count(id) as Bad\_Loan\_Application from bank\_loan\_data

where loan\_status = 'Charged Off'



Bad Loan Funded Amount:

1. select sum(loan\_amount) as Bad\_Loan\_Funded\_Amount from bank\_loan\_data

where loan\_status = 'Charged Off'



Bad Loan Amount Received:

1. select sum(total\_payment) as Bad\_Loan\_Amount\_Received from bank\_loan\_data

where loan\_status = 'Charged Off'



Loan Status

select

loan\_status,

count(id) as Total\_Loan\_Applications,

sum(total\_payment) as Total\_Amount\_Received,

sum(loan\_amount) as Total\_Funded\_Amount,

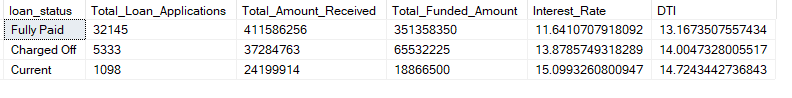
avg(int\_rate \* 100) as Interest\_Rate,

avg(dti \* 100) as DTI

from

bank\_loan\_data

group by loan\_status



1. select

loan\_status,

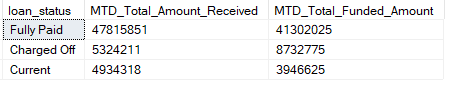
sum(total\_payment) as MTD\_Total\_Amount\_Received,

sum(loan\_amount) as MTD\_Total\_Funded\_Amount

from bank\_loan\_data

where month(issue\_date) = 12

group by loan\_status



MONTH

select

month(issue\_date) as month\_number,

DATENAME(month, issue\_date) as month\_name,

count(id) as Total\_Loan\_Applications,

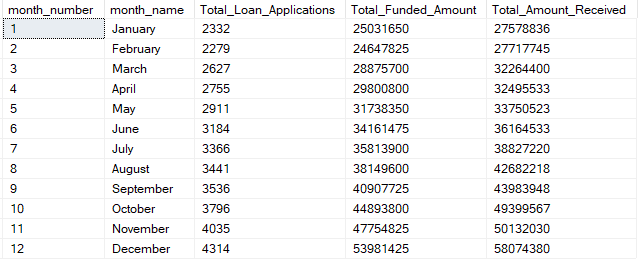
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from bank\_loan\_data

group by month(issue\_date) , DATENAME(month, issue\_date)

order by month(issue\_date)



Regional

select

address\_state,

count(id) as Total\_Loan\_Applications,

sum(loan\_amount) as Total\_Funded\_Amount,

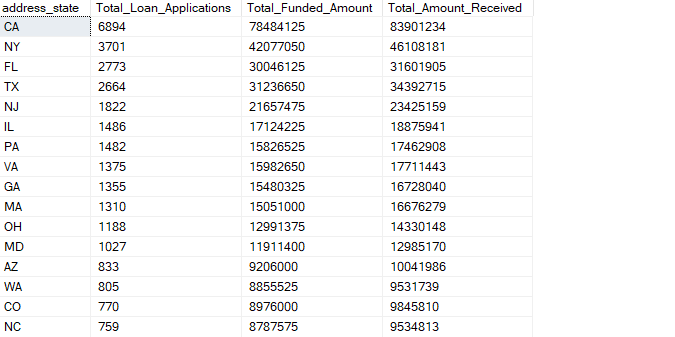
sum(total\_payment) as Total\_Amount\_Received

from bank\_loan\_data

group by address\_state

order by count(id) desc

(First 16 rows ss)



TERM

1. select

term,

count(id) as Total\_Loan\_Applications,

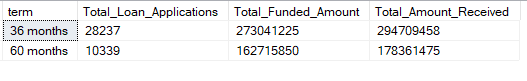
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from bank\_loan\_data

group by term

order by term



EMP\_LENGTH

1. select

emp\_length,

count(id) as Total\_Loan\_Applications,

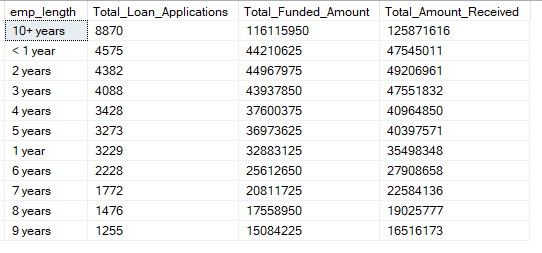
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from bank\_loan\_data

group by emp\_length

order by count(id) desc



LOAN PURPOSE

1. select

purpose,

count(id) as Total\_Loan\_Applications,

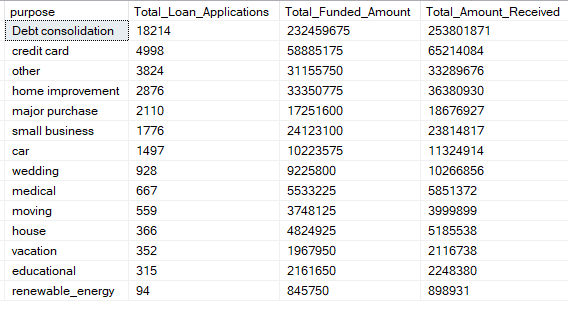
sum(loan\_amount) as Total\_Funded\_Amount,

sum(total\_payment) as Total\_Amount\_Received

from bank\_loan\_data

group by purpose

order by count(id) desc



HOME OWNERSHIP

1. select

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\_data

group by home\_ownership

order by count(id) desc

