1. select count(\*) Total\_loan\_applicant from Bank\_loan\_data;

select count(id) as MTD\_

1. Total\_loan\_Application from Bank\_loan\_data

where month(issue\_date) = 12 and YEAR(issue\_date)=2021;



1. Select count(id) as PMTD\_Total\_loan\_Application from Bank\_loan\_data

where month(issue\_date) = 11 and YEAR(issue\_date)=2021;



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



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

where month(issue\_date) = 11 and YEAR(issue\_date) = 2021;



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

where month(issue\_date) = 12 and YEAR(issue\_date) = 2021;



1. select sum(total\_payment) as Total\_received\_amount from Bank\_loan\_data;



1. select sum(total\_payment) as MTD\_Total\_received\_amount from Bank\_loan\_data

where month(issue\_date) = 12 and Year(issue\_date) = 2021;



1. select sum(total\_payment) as PMTD\_Total\_received\_amount from Bank\_loan\_data

where month(issue\_date) = 11 and Year(issue\_date) = 2021;



1. select round(avg(int\_rate),4) \* 100 Avg\_interest\_rate from Bank\_loan\_data;



1. select round(avg(int\_rate),4) \* 100 MTD\_Avg\_interest\_rate from Bank\_loan\_data

where month(issue\_date)=12 and Year(issue\_date)=2021;



1. select round(avg(int\_rate),4) \* 100 PMTD\_Avg\_interest\_rate from Bank\_loan\_data

where month(issue\_date)=11 and Year(issue\_date)=2021;



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



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

where month(issue\_date) = 12 and Year(issue\_date) = 2021;



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

where month(issue\_date) = 12 and Year(issue\_date) = 2021;



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

where month(issue\_date) = 12 and Year(issue\_date) = 2021) - (select round(avg(dti),4) \* 100 PMTD\_Avg\_DTI from Bank\_loan\_data

where month(issue\_date) = 11 and Year(issue\_date) = 2021)) \* 100)

/

(select round(avg(dti),4) \* 100 PMTD\_Avg\_DTI from Bank\_loan\_data

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

as MTM\_Avg\_dTI;



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;



1. Select count(ID) as Good\_loan\_application from Bank\_loan\_data

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



1. Select sum(loan\_amount) as Good\_loan\_funded\_amount from Bank\_loan\_data

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



1. Select sum(total\_payment) as Good\_loan\_received\_amount from Bank\_loan\_data

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



1. Select

(count(case when loan\_status = 'Charged Off' then id END) \*100)

/

count(id) as Bad\_loan\_percentage

from Bank\_loan\_data;



1. Select count(ID) as Bad\_loan\_application from Bank\_loan\_data

where loan\_status = 'Charged Off';



1. Select sum(loan\_amount) as Bad\_loan\_funded\_amount from Bank\_loan\_data

where loan\_status = 'Charged Off';



1. Select sum(total\_payment) as Bad\_loan\_received\_amount from Bank\_loan\_data

where loan\_status = 'Charged Off';



1. select

loan\_status,

count(id) as Loan\_count,

Sum(total\_payment) as Total\_amount\_received,

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

Avg(Int\_rate \* 100) as interesr\_rate,

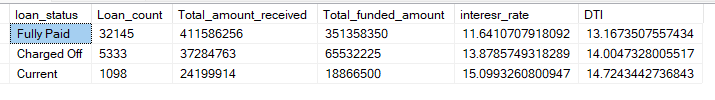
Avg(dti \* 100) as DTI

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,

Avg(Int\_rate \* 100) as MTD\_interest\_rate,

Avg(dti \* 100) as MTD\_DTI

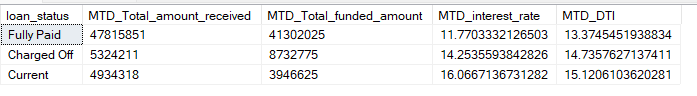
From

Bank\_loan\_data

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

Group by

loan\_status;



1. select

loan\_status,

Sum(total\_payment) as PMTD\_Total\_amount\_received,

Sum(loan\_amount) as PMTD\_Total\_funded\_amount,

Avg(Int\_rate \* 100) as PMTD\_interest\_rate,

Avg(dti \* 100) as PMTD\_DTI

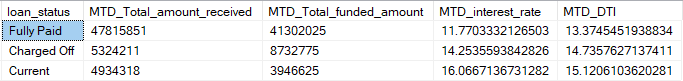
From

Bank\_loan\_data

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

Group by

loan\_status;



1. select

home\_ownership,

count(id) as Loan\_count,

Sum(total\_payment) as Total\_amount\_received,

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

Avg(Int\_rate \* 100) as interesr\_rate,

Avg(dti \* 100) as DTI

From

Bank\_loan\_data

Group by

home\_ownership

having

home\_ownership = 'MORTGAGE';



1. select

month(issue\_date) as Month\_number,

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

count(id) as Loan\_count,

Sum(total\_payment) as Total\_amount\_received,

Sum(loan\_amount) as Total\_funded\_amount

From

Bank\_loan\_data

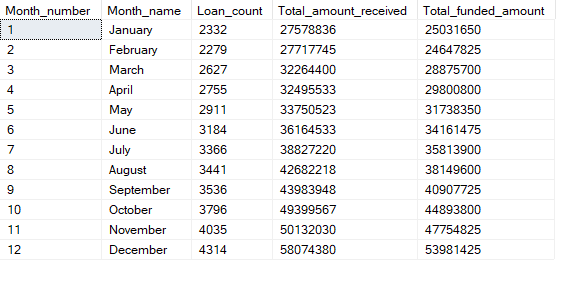
Group by

Month(issue\_date),

DATENAME(Month, issue\_date)

Order by

Month(issue\_date);



1. select

address\_state,

count(id) as Loan\_count,

Sum(total\_payment) as Total\_amount\_received,

Sum(loan\_amount) as Total\_funded\_amount

From

Bank\_loan\_data

Group by

address\_state

Order by

Total\_funded\_amount desc;

1. select

term,

count(id) as Loan\_count,

Sum(total\_payment) as Total\_amount\_received,

Sum(loan\_amount) as Total\_funded\_amount

From

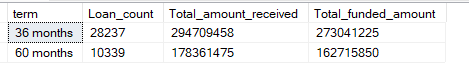
Bank\_loan\_data

Group by

term

Order by

Loan\_count desc;



1. select

emp\_length,

count(id) as Loan\_count,

Sum(total\_payment) as Total\_amount\_received,

Sum(loan\_amount) as Total\_funded\_amount

From

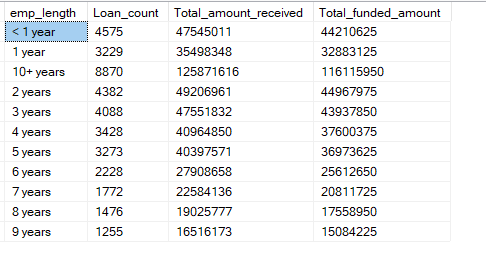
Bank\_loan\_data

Group by

emp\_length

Order by

emp\_length;



1. select

purpose,

count(id) as Loan\_count,

Sum(total\_payment) as Total\_amount\_received,

Sum(loan\_amount) as Total\_funded\_amount

From

Bank\_loan\_data

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

Group by

purpose

Order by

Loan\_count;

