BANK LOAN REPORT

KPI’s

1. Total Loan Application.

select count(id) as Total\_Loan\_Applications from Bank\_Loan\_Data

A screenshot of a computer

Description automatically generated

1. Month to Date – Total Applications in December month.

select count(id) as MTD\_Total\_Loan\_Applications from Bank\_Loan\_Data

WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021  
A screenshot of a computer

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1. Total Loan Issued.

select sum(loan\_amount) as Total\_Funded\_Amount from Bank\_Loan\_Data

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1. Total funds released in a month

select sum(loan\_amount) as Total\_Fund\_Month from Bank\_Loan\_Data

WHERE MONTH(issue\_date) =12 AND YEAR(issue\_date) = 2021

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1. Total Amount bank received from bank loan data.

select sum(total\_payment) as Total\_Amount\_Bank\_Received from Bank\_Loan\_Data

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1. Total amount received in a month

select sum(total\_payment) as Total\_Amount\_Bank\_Received\_in\_month from Bank\_Loan\_Data

Where Month(issue\_date) =12 AND Year(issue\_date) = 2021  
A screen shot of a computer

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1. Average Interest rate

select avg(int\_rate) \* 100 as Average\_Interest\_rate from Bank\_Loan\_Data

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1. Rounding the Percentage to 2 decimal places

select Round(avg(int\_rate),4) \* 100 as Average\_Interest\_rate from Bank\_Loan\_Data

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1. Good Loan Percentage

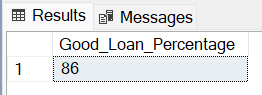
Select

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

/

count(id) as Good\_Loan\_Percentage

from Bank\_loan\_data



1. Good Loan Application

Select count(id) as Good\_Loan\_Applications from Bank\_Loan\_Data

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

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1. Good Loan Funded Amount

select sum(loan\_amount) as Good\_Loan\_Funded\_Amount from Bank\_Loan\_Data

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

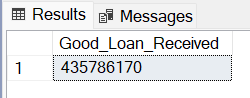
A screenshot of a computer

Description automatically generated

1. Total amount bank received

select sum(total\_payment) as Good\_Loan\_Received from Bank\_Loan\_Data

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



BAD LOAN ISSUED

1. 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 Bank\_loan\_data

A screenshot of a computer screen

Description automatically generated

1. Total # of Bad Loan Applications.

Select count(id) as Bad\_Loan\_Applications from Bank\_Loan\_Data

Where loan\_status ='Charged Off'

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1. Bad Loan Funded Amount

Select sum(Loan\_amount) as Bad\_Loan\_Funded\_Amount from Bank\_Loan\_Data

Where loan\_status ='Charged Off'

A screenshot of a computer

Description automatically generated

1. Bad Loan Amount Received

Select sum(total\_payment) as Bad\_Amount\_Received from Bank\_Loan\_Data

Where loan\_status ='Charged Off'

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**LOAN STATUS**

1. Loan status of all application

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 DTI

from

Bank\_Loan\_Data

group by

loan\_status

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1. Month to date amount received and funded.

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

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II Dashboard

1. What are total amount received, funded and # of application each month

select

MONTH(issue\_date)as Month\_Number,

Datename(month, issue\_date)as Month\_Name,

count(id) as Total\_Loan\_Applications,

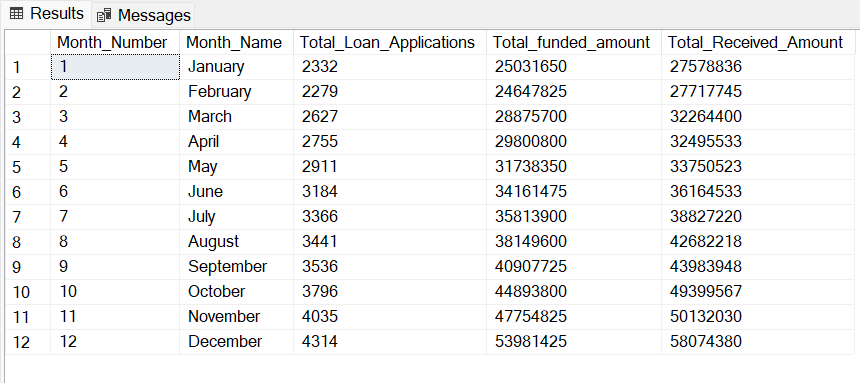
sum(loan\_Amount) As Total\_funded\_amount,

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

from bank\_loan\_data

group by MONTH(issue\_date), Datename(month, issue\_date)

order by MONTH(issue\_date),Datename(month, issue\_date)



1. Loan status as per state.

select

address\_state,

count(id) as Total\_Loan\_Applications,

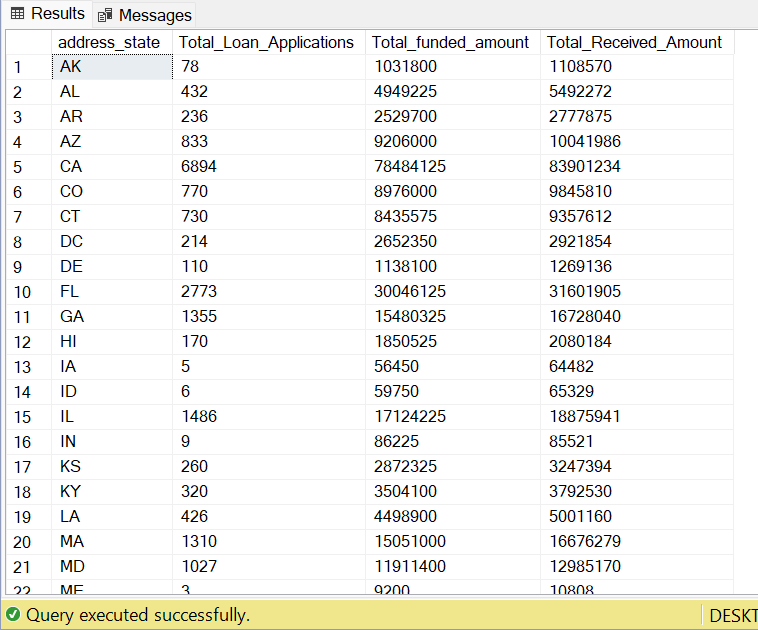
sum(loan\_Amount) As Total\_funded\_amount,

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

from bank\_loan\_data

group by address\_state

order by address\_state



1. Loan status as per Term

select

term,

count(id) as Total\_Loan\_Applications,

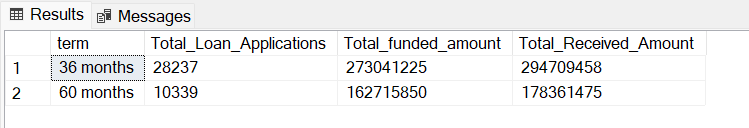
sum(loan\_Amount) As Total\_funded\_amount,

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

from bank\_loan\_data

group by term

order by term



1. Loan status as per emp length

select

emp\_length,

count(id) as Total\_Loan\_Applications,

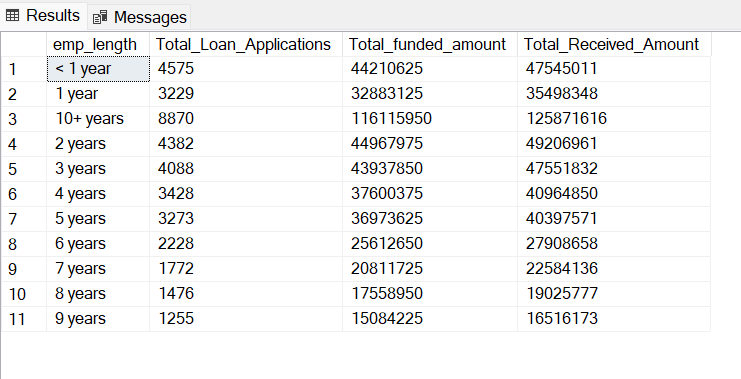
sum(loan\_Amount) As Total\_funded\_amount,

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

from bank\_loan\_data

group by emp\_length

order by emp\_length



1. What purpose people are getting loans.

select

purpose,

count(id) as Total\_Loan\_Applications,

sum(loan\_Amount) As Total\_funded\_amount,

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

from bank\_loan\_data

group by purpose

order by count(id) desc

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1. Loan\_status based on home ownership

select

home\_ownership,

count(id) as Total\_Loan\_Applications,

sum(loan\_Amount) As Total\_funded\_amount,

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

from bank\_loan\_data

group by home\_ownership

order by count(id) desc

