1. **Total Loan Applications: -**

Select count(id) as Total\_Loan\_Applications from bank\_loan\_data



1. **Month to Date total loan applications: -**

Select count(id) as MTD\_Total\_Loan\_Applications from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)) FROM bank\_loan\_data)

A screen shot of a computer

Description automatically generated

1. **Previous Month total loan applications: -**

Select count(id) as Prev\_MTD\_Total\_Loan\_Applications from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT (MAX(MONTH(issue\_date))-1) FROM bank\_loan\_data)

A screen shot of a computer

Description automatically generated

1. **Total funded Amount**   
   Select SUM(loan\_amount) as Total\_funded\_amt from bank\_loan\_data

A close-up of a number

Description automatically generated

1. **Month To date Total funded Amount**

Select SUM(loan\_amount) as MTD\_Total\_funded\_amt from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)) FROM bank\_loan\_data)

A close-up of a check

Description automatically generated

1. **Previous Month To date Total funded Amount**

Select SUM(loan\_amount) as Prev\_MTD\_Total\_funded\_amt from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)-1) FROM bank\_loan\_data)

A screenshot of a computer

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1. **Total Payment received by bank**

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

A screen shot of a receipt

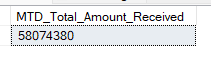
Description automatically generated

1. **Month to date Total Payment received by bank**

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

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)) FROM bank\_loan\_data)



1. **Previous Month Total Payment received by bank**

select sum(total\_payment) as Prev\_Total\_Amount\_Received from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)-1) FROM bank\_loan\_data)

A screenshot of a computer screen

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1. **Average Interest Rates**

Select ROUND(AVG(int\_rate),4)\*100 as Average\_Int\_Rate from bank\_loan\_data

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Description automatically generated

1. **Month to date Average Interest Rates: -**

Select ROUND(AVG(int\_rate),4)\*100 as MTD\_Average\_Int\_Rate from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)) FROM bank\_loan\_data)



1. **Previous Month Average Interest Rates: -**

Select ROUND(AVG(int\_rate),4)\*100 as Prev\_Month\_Average\_Int\_Rate from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)-1) FROM bank\_loan\_data)

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1. **Average Debt to Income Ratio: -**

Select ROUND(AVG(dti),4)\*100 as Avg\_DTI from bank\_loan\_data

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Description automatically generated

1. **Month to date Average Debt to Income Ratio: -**

SELECT ROUND(AVG(dti),4)\*100 as MTD\_Avg\_DTI FROM bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) FROM bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)) FROM bank\_loan\_data)

A close-up of a computer code

Description automatically generated

1. **Previous Month Average Debt to Income Ratio: -**

SELECT ROUND(AVG(dti),4)\*100 as Prev\_Month\_Avg\_dti from bank\_loan\_data

WHERE YEAR(issue\_date) = (SELECT MAX(YEAR(issue\_date)) from bank\_loan\_data)

AND MONTH(issue\_date) = (SELECT MAX(MONTH(issue\_date)-1) from bank\_loan\_data)

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Description automatically generated

1. **Total Good Loan Applications: -**

Select count(id) as Total\_Good\_appl from bank\_loan\_data

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



1. **Good Loan Applications Percentage: -**

SELECT

((SELECT COUNT(id) FROM bank\_loan\_data WHERE loan\_status = 'Fully Paid' OR loan\_status = 'Current') \* 100) /

(SELECT COUNT(id) FROM bank\_loan\_data) AS good\_loan\_percentage;

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Description automatically generated

1. **Good Loan Amount Disbursed: -**

Select SUM(loan\_amount) as Total\_Goodloan\_amt from bank\_loan\_data

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



1. **Total Payment in Good Loan: -**

Select SUM(total\_payment) as Total\_goodloan\_pay from bank\_loan\_data

WHERE loan\_status in ('Fully Paid','Current')



1. **Total Good Loan Applications: -**

Select count(id) as Total\_bad\_loan\_applications from bank\_loan\_data

WHERE loan\_status='Charged Off'

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Description automatically generated

1. **Bad Loan Applications Percentage: -**

Select

(COUNT(CASE WHEN loan\_status='Charged Off' THEN id END)\*100)/

COUNT(id) as bad\_loan\_percentage from bank\_loan\_data

(SELECT COUNT(id) FROM bank\_loan\_data) AS Bad\_loan\_percentage;

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1. **Bad Loan Amount Disbursed: -**

Select Sum(loan\_amount) as total\_bad\_loan\_funded\_amt from bank\_loan\_data

WHERE loan\_status='Charged Off'

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1. **Total Payment in Bad Loan: -**

Select Sum(total\_payment) as Total\_bad\_loan\_pay from bank\_loan\_data

WHERE loan\_status ='Charged Off'

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1. **Total Summary: -**

select

loan\_status,

COUNT(id) AS Total\_Loan\_Applications,

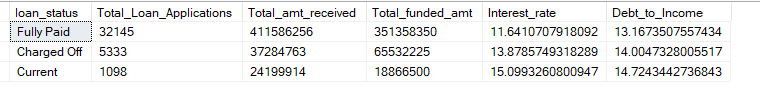
SUM(total\_payment) as Total\_amt\_received,

SUM(loan\_amount) as Total\_funded\_amt,

AVG(int\_rate \* 100) as Interest\_rate,

AVG(dti \* 100) as Debt\_to\_Income

From bank\_loan\_data GROUP BY loan\_status



1. **Month to Date Total Summary: -**

select

loan\_status,

COUNT(id) AS Total\_Loan\_Applications,

SUM(total\_payment) as Total\_amt\_received,

SUM(loan\_amount) as Total\_funded\_amt,

AVG(int\_rate \* 100) as Interest\_rate,

AVG(dti \* 100) as Debt\_to\_Income

From

bank\_loan\_data

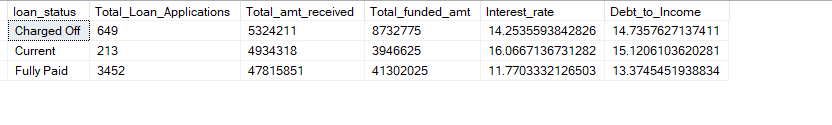
WHERE

YEAR(issue\_date) = (Select MAX(YEAR(issue\_date)) from bank\_loan\_data) AND

MONTH(issue\_date)=(Select MAX(Month(issue\_date)) from bank\_loan\_data)

GROUP BY

loan\_status



1. **Previous Month Total Summary: -**

select

loan\_status,

COUNT(id) AS Total\_Loan\_Applications,

SUM(total\_payment) as Total\_amt\_received,

SUM(loan\_amount) as Total\_funded\_amt,

AVG(int\_rate \* 100) as Interest\_rate,

AVG(dti \* 100) as Debt\_to\_Income

From bank\_loan\_data WHERE YEAR(issue\_date) = (Select MAX(YEAR(issue\_date)) from bank\_loan\_data) and

MONTH(issue\_date)=(Select MAX(Month(issue\_date)-1) from bank\_loan\_data)

GROUP BY loan\_status

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# Overview

1. **Monthly Trends: -**

SELECT

MONTH(issue\_date) as "Month\_No.",

DATENAME(MONTH, issue\_date) AS Month\_name,

COUNT(id) AS Total\_loan\_applications,

SUM(loan\_amount) as Total\_funded\_amt,

SUM(total\_payment) as Total\_received\_amt

FROM

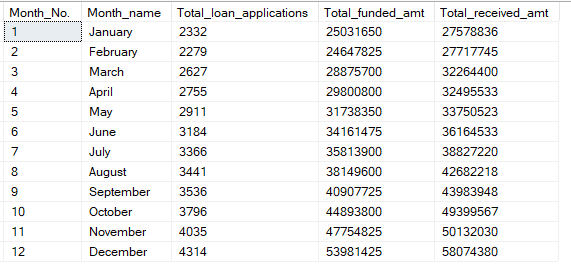
bank\_loan\_data

GROUP BY

DATENAME(MONTH, issue\_date),MONTH(issue\_date)

ORDER BY

MONTH(issue\_date)



1. **Trend BY Region: -**

SELECT

address\_state,

COUNT(id) AS Total\_loan\_applications,

SUM(loan\_amount) as Total\_funded\_amt,

SUM(total\_payment) as Total\_received\_amt

FROM

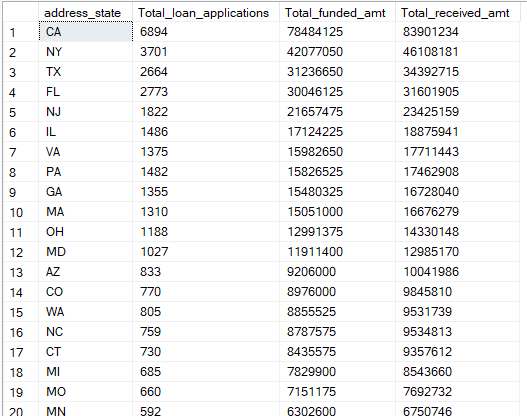
bank\_loan\_data

GROUP BY

address\_state

ORDER BY

SUM(loan\_amount) DESC



1. **Loan term**

SELECT

term,

COUNT(id) AS Total\_loan\_applications,

SUM(loan\_amount) as Total\_funded\_amt,

SUM(total\_payment) as Total\_received\_amt

FROM

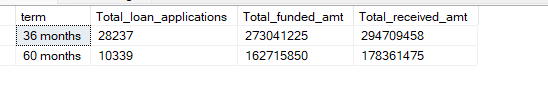
bank\_loan\_data

GROUP BY

term

ORDER BY

Term



1. **BY Employee Length**

SELECT

emp\_length,

COUNT(id) AS Total\_loan\_applications,

SUM(loan\_amount) as Total\_funded\_amt,

SUM(total\_payment) as Total\_received\_amt

FROM

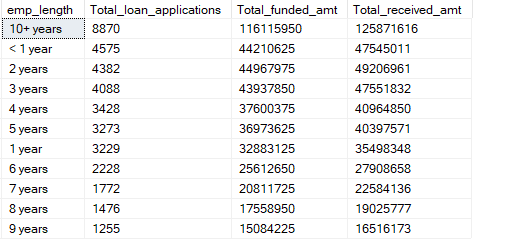
bank\_loan\_data

GROUP BY

emp\_length

ORDER BY

Count(id) DESC



1. **Purpose of taking loan:-**

SELECT

purpose,

COUNT(id) AS Total\_loan\_applications,

SUM(loan\_amount) as Total\_funded\_amt,

SUM(total\_payment) as Total\_received\_amt

FROM

bank\_loan\_data

GROUP BY

purpose

ORDER BY

Count(id) DESC

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Description automatically generated

1. **By Home ownership**

SELECT

home\_ownership,

COUNT(id) AS Total\_loan\_applications,

SUM(loan\_amount) as Total\_funded\_amt,

SUM(total\_payment) as Total\_received\_amt

FROM

bank\_loan\_data

GROUP BY

home\_ownership

ORDER BY

Count(id) DESC

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