* select \*

from Bank\_loan\_data

OUTPUT

A screenshot of a computer

Description automatically generated

1. For preview the Dataset

* select count(id) as Total\_number\_of\_loan\_Applications

from Bank\_loan\_data

OUTPUT



1. To Find out Total Number of Loan Applications

* select count(id) as Monthwise\_Total\_number\_of\_loan\_Applications

from bank\_loan\_data

where month(issue\_date) = 1

OUTPUT



1. To Find Out Total Number Of Loan Application Month Wise Using Where Filter

* select sum(loan\_amount) as Total\_funded\_Amount

from Bank\_loan\_data

OUTPUT



1. To Find out Total Funded Amount By Bank

* select sum(loan\_amount) as Total\_funded\_Amount\_monthwise

from Bank\_loan\_data

where MONTH(issue\_date) = 1

OUTPUT



1. To Find out Total Funded Amount By Bank Month Wise Using Where

* select sum(total\_payment) as total\_amt\_Received

from Bank\_loan\_data

OUTPUT

A screenshot of a computer

Description automatically generated

1. To Find out Total Amt Received

* select sum(total\_payment) as total\_amt\_Received\_monthwise

from Bank\_loan\_data

where MONTH(issue\_date) = 1

OUTPUT



1. To Find out Total Amt Received Month Wise Using Where

* select ROUND(avg(int\_rate), 4) \* 100 as Average\_Interest\_rate

from Bank\_loan\_data

OUTPUT



1. To Calculate the Average Interest Rate

* select ROUND(avg(int\_rate), 4) \* 100 as Average\_Interest\_rate\_monthwise

from Bank\_loan\_data

where MONTH(issue\_date) = 1

OUTPUT

A screen shot of a computer

Description automatically generated

1. To Calculate the Average Interest Rate Monthwise using Where

* select round(AVG(dti),4) \* 100 as Monthtodate\_Average\_DTI

from Bank\_loan\_data

where month (issue\_date) = 1

OUTPUT



1. To Calculate DTI Month Wise Using Where

* 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

OUTPUT



1. To Calculate the Overall Good Loan Percentage of the Bank

* select

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

/

count(id) as Bad\_Loan\_Percentage

from Bank\_loan\_data

OUTPUT



11.To Calculate the Overall Bad Loan Percentage of the Bank

* select sum(loan\_amount) as Good\_Loan\_Funded\_Amt

from Bank\_loan\_data

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

OUTPUT



12.To Find Out Overall Good loan Funded Amt by Bank

* select sum(loan\_amount) as Bad\_Loan\_Funded\_Amt

from Bank\_loan\_data

where loan\_status = 'Charged Off'

OUTPUT



13.To Find Out Overall Bad loan Funded Amt by Bank

* select COUNT(id) as Bad\_Loan\_Applications

from Bank\_loan\_data

where loan\_status = 'Charged Off'

OUTPUT



14.To Find out Overall Bad loan Applications

* Select

loan\_status,

count(id) as Total\_Number\_of\_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 DTI

from

Bank\_loan\_data

group by

loan\_status

OUTPUT

A screenshot of a computer

Description automatically generated

15.To Find out Loan Status With Avg of Interest ,DTI And Amt Received And Funded

* select

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)

order by DATENAME(month, issue\_date)

OUTPUT

A screenshot of a computer

Description automatically generated

16.To Find out Total Applications ,Funded Amt And Received Amt By Month Wise

* SELECT

term,

SUM(loan\_amount) AS total\_loan\_amount,

SUM(total\_payment) AS total\_loan\_payment

FROM

Bank\_loan\_data

GROUP BY

term

order by total\_loan\_amount desc;

OUTPUT

A screenshot of a credit card

Description automatically generated

17.To Find Out Total Loan Amt And Received Amt by Term wise

* SELECT

grade,

SUM(loan\_amount) AS total\_loan\_amount,

SUM(total\_payment) AS total\_loan\_payment

FROM

Bank\_loan\_data

GROUP BY

grade

order by total\_loan\_amount desc;

OUTPUT

A screenshot of a computer

Description automatically generated

18.To Find Out Total Amt And Received Amt By Grade Wise

* SELECT

purpose,

SUM(loan\_amount) AS total\_loan\_amount,

SUM(total\_payment) AS total\_loan\_payment

FROM

Bank\_loan\_data

GROUP BY

purpose

order by

total\_loan\_amount desc;

OUTPUT

A screenshot of a computer

Description automatically generated

19.To Find out Total Amt And Received Amt By Purpose Wise

* SELECT

address\_state AS state,

SUM(loan\_amount) AS total\_loan\_amount,

SUM(total\_payment) AS total\_loan\_payment

FROM

Bank\_loan\_data

GROUP BY

address\_state

ORDER BY

total\_loan\_amount DESC;

OUTPUT

A screenshot of a computer

Description automatically generated

20.To Find Out Total Amt And Received Amt By State wise