**BANK LOAN REPORT QUERY DOCUMENT**

1. **BANK LOAN REPORT | SUMMARY**

**KPI’s:**

**Total Loan Applications:**

select count(id) Total\_Loan\_Applications from financial\_loan



**MTD Total Loan Applications:**

select count(id) MTD\_Total\_Loan\_Applications from financial\_loan

where month(issue\_date) = 12



**PMTD Total Loan Applications:**

select count(id) PMTD\_Total\_Loan\_Applications from financial\_loan

where month(issue\_date) = 11



**Total Funded Amount:**

select sum(loan\_amount) Total\_Funded\_Amount from financial\_loan



**MTD Total Funded Amount:**

select sum(loan\_amount) MTD\_Total\_Funded\_Amount from financial\_loan

where month(issue\_date) = 12



**PMTD Total Funded Amount:**

select sum(loan\_amount) PMTD\_Total\_Funded\_Amount from financial\_loan

where month(issue\_date) = 11



**Total Amount Received**

SELECT SUM(total\_payment) AS Total\_Amount\_Collected FROM financial\_loan



**MTD Total Amount Received**

SELECT SUM(total\_payment) AS MTD\_Total\_Amount\_Collected FROM financial\_loan

WHERE MONTH(issue\_date) = 12



**PMTD Total Amount Received**

SELECT SUM(total\_payment) AS PMTD\_Total\_Amount\_Collected FROM financial\_loan

WHERE MONTH(issue\_date) = 11



**Average Interest Rate**

select avg(int\_rate)\*100 as Avg\_Interest\_Rate from financial\_loan

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**MTD Average Interest Rate**

select avg(int\_rate)\*100 as MTD\_Avg\_Interest\_Rate from financial\_loan

where month(issue\_date) = 12

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**PMTD Average Interest Rate**

select avg(int\_rate)\*100 as PMTD\_Avg\_Interest\_Rate from financial\_loan

where month(issue\_date) = 11



**AVG DTI**

select avg(dti)\*100 Avg\_DTI from financial\_loan



**MTD AVG DTI**

select avg(dti)\*100 MTD\_Avg\_DTI from financial\_loan

where month(issue\_date) = 12



**PMTD AVG DTI**

select avg(dti)\*100 PMTD\_Avg\_DTI from financial\_loan

where month(issue\_date) = 11



**Good Loan Issues:**

**Good Loan Percentage**

select cast(count(id)\*100.0/(select count(\*) from financial\_loan) as decimal(10,2)) as Good\_Loan\_Percentage

from financial\_loan

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



**Good Loan Application**

select count(\*) Good\_Loan\_Application

from financial\_loan

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



**Good Loan Funded Amount**

select sum(loan\_amount) Good\_Loan\_Funded\_Amount

from financial\_loan

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



**Good Loan Total Received Amount**

select sum(total\_payment) Good\_Loan\_Total\_Received\_Amount

from financial\_loan

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



**Bad Loan Issues:**

**Bad Loan Percentage**

select cast(count(id)\*100.0/(select count(\*) from financial\_loan) as decimal(10,2)) as Bad\_Loan\_Percentage

from financial\_loan

where loan\_status = 'Charged Off'



**Bad Loan Application**

select count(\*) Bad\_Loan\_Application

from financial\_loan

where loan\_status = 'Charged Off'



**Bad Loan Funded Amount**

select sum(loan\_amount) Bad\_Loan\_Funded\_Amount

from financial\_loan  
where loan\_status = 'Charged Off'



**Bad Loan Total Received Amount**

select sum(total\_payment) Bad\_Loan\_Total\_Received\_Amount

from financial\_loan  
where loan\_status = 'Charged Off'



**Loan Status**

SELECT

loan\_status,

COUNT(id) AS LoanCount,

SUM(total\_payment) AS Total\_Amount\_Received,

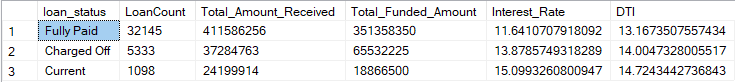
SUM(loan\_amount) AS Total\_Funded\_Amount,

AVG(int\_rate \* 100) AS Interest\_Rate,

AVG(dti \* 100) AS DTI

FROM bank\_loan\_data

GROUP BY loan\_status



select loan\_status,

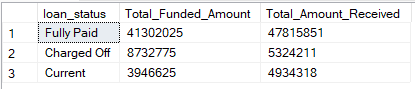
sum(loan\_amount) Total\_Funded\_Amount,

sum(total\_payment) Total\_Amount\_Received

from financial\_loan

where month(issue\_date) = 12

group by loan\_status



1. **BANK LOAN REPORT | OVERVIEW**

**Month**

select month(issue\_date) as Months,

datename(m,issue\_date) as Month\_name,

count(id) Total\_Loan\_Application,

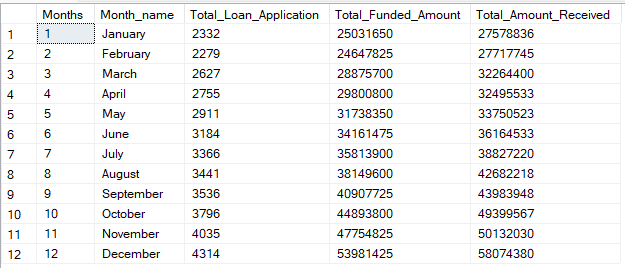
sum(loan\_amount) Total\_Funded\_Amount,

sum(total\_payment) Total\_Amount\_Received

from financial\_loan

group by month(issue\_date), datename(m,issue\_date)

order by Months



**State**

select address\_state State,

count(id) Total\_Loan\_Application,

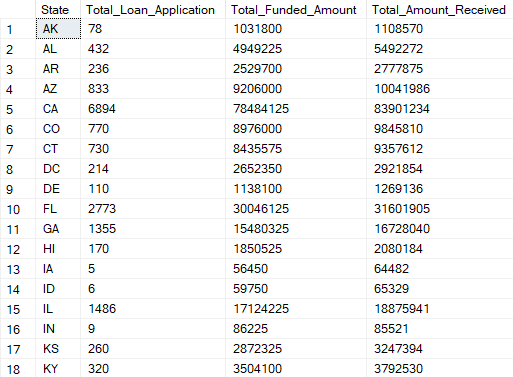
sum(loan\_amount) Total\_Funded\_Amount,

sum(total\_payment) Total\_Amount\_Received

from financial\_loan

group by address\_state

order by address\_state



**Term**

select term Term,

count(id) Total\_Loan\_Application,

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

sum(total\_payment) Total\_Amount\_Received

from financial\_loan

group by term

order by term



**Employee Length**

select emp\_length Employee\_Length,

count(id) Total\_Loan\_Application,

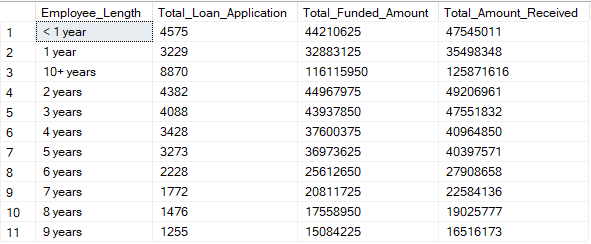
sum(loan\_amount) Total\_Funded\_Amount,

sum(total\_payment) Total\_Amount\_Received

from financial\_loan

group by emp\_length

order by emp\_length



**Purpose**

select purpose Purpose,

count(id) Total\_Loan\_Application,

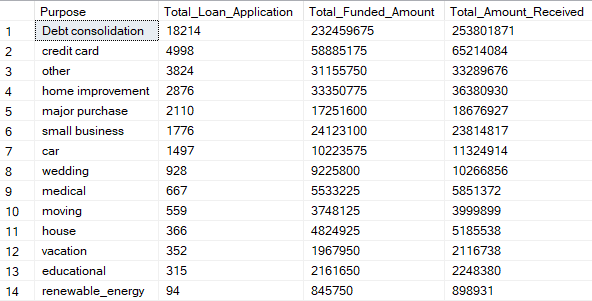
sum(loan\_amount) Total\_Funded\_Amount,

sum(total\_payment) Total\_Amount\_Received

from financial\_loan

group by purpose

order by count(id) desc

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**Home Ownership**

select home\_ownership Home\_Ownership,

count(id) Total\_Loan\_Application,

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

sum(total\_payment) Total\_Amount\_Received

from financial\_loan

group by home\_ownership

order by count(id) desc

