Bank Loan Database

* select Count(id) as Total\_laon\_application from Bank\_loan\_data  
  
* select COUNT(id) As MTD\_Total\_loan\_Application from Bank\_loan\_data  
  where MONTH(issue\_date) = 12 and year(issue\_date) = 2021  
  
* select SUM(loan\_amount) as MTD\_Total\_funded\_amount from Bank\_loan\_data  
  where MONTH(issue\_date) = 12 and YEAR(issue\_date)= 2021



* select SUM(total\_Payment) as MTD\_Total\_Amount\_Received from Bank\_loan\_data

where MONTH(issue\_date) = 12 and YEAR(issue\_date) = 2021



* select round(AVG(int\_rate), 4) \* 100 as Interest\_rate From Bank\_loan\_data



* select Round(AVG(DTI), 4) \* 100 as avr\_dti from Bank\_loan\_data



* 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  
  
* select COUNT(id) as good\_loan\_Funded\_Amount from Bank\_loan\_data

where loan\_status = 'fully paid' or loan\_status ='current'  


* select SUM(loan\_amount) as good\_loan\_Funded\_Amount from Bank\_loan\_data

where loan\_status = 'fully paid' or loan\_status ='current'



* select SUM(Total\_payment) as good\_loan\_Funded\_Amount from Bank\_loan\_data

where loan\_status = 'fully paid' or loan\_status ='current'  


* select count(id) as Bad\_Loan\_Application from Bank\_loan\_data where loan\_status = 'charged off'  
  
* select SUM(loan\_amount) as Bad\_Loan\_funded\_amount from Bank\_loan\_data where loan\_status = 'charged off'  
  
* select SUM(total\_payment) as Bad\_Loan\_amount\_received from Bank\_loan\_data where loan\_status = 'charged off'



* select

loan\_status, count(id) as Total\_loan\_application,

sum(total\_payment) as total\_amount\_received,

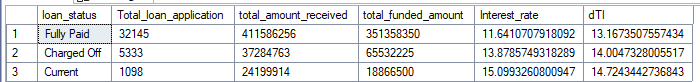
sum(loan\_amount) as total\_funded\_amount,

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

avg(dti\*100) as dTI

from bank\_Loan\_data

group by loan\_status



* select

loan\_status,

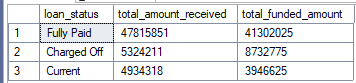
sum(total\_payment) as total\_amount\_received,

sum(loan\_amount) as total\_funded\_amount

from bank\_Loan\_data

where month(issue\_date) = 12

group by loan\_status



* select

month(issue\_date) as month\_number,

datename(month, issue\_date) as month\_name,

count(id) as total\_loan\_Application,

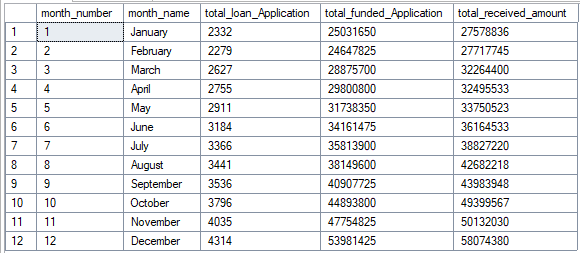
SUM(loan\_amount) as total\_funded\_Application,

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)



* select

address\_state,

count(id) as total\_loan\_Application,

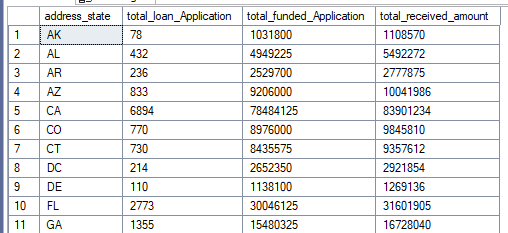
SUM(loan\_amount) as total\_funded\_Application,

SUM(total\_payment) as total\_received\_amount

from Bank\_loan\_data

group by address\_state

order by COUNT(id) desc



* select

term,

count(id) as total\_loan\_Application,

SUM(loan\_amount) as total\_funded\_Application,

SUM(total\_payment) as total\_received\_amount

from Bank\_loan\_data

group by term

order by term



* select

emp\_length,

count(id) as Total\_loan\_application,

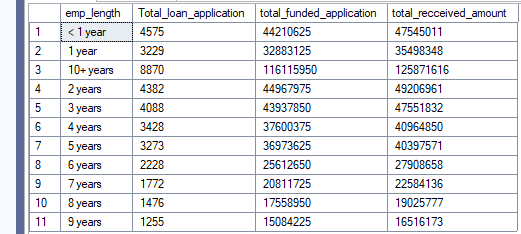
SUM(loan\_amount) as total\_funded\_application,

SUM(total\_payment) as total\_recceived\_amount

from Bank\_loan\_data

group by emp\_length

order by emp\_length



* select

purpose,

count(id) as Total\_loan\_application,

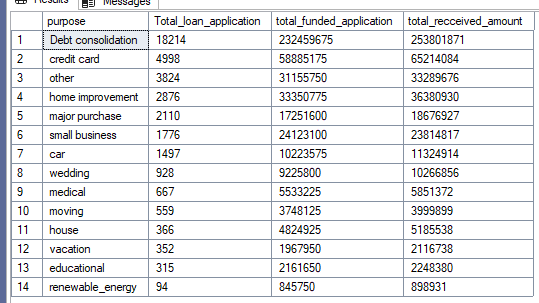
SUM(loan\_amount) as total\_funded\_application,

SUM(total\_payment) as total\_recceived\_amount

from Bank\_loan\_data

group by purpose

order by COUNT(id) desc



* select

home\_ownership,

count(id) as Total\_loan\_application,

SUM(loan\_amount) as total\_funded\_application,

SUM(total\_payment) as total\_recceived\_amount

from Bank\_loan\_data

group by home\_ownership

order by COUNT(id) desc

