KPI QUERIES FIRED IN MS SQL SERVER

1. Total Loan Application

SELECT COUNT(id) AS total\_loan\_application FROM [bank loan]



1. MTD Loan Applications

SELECT COUNT(id) AS total\_loan\_application FROM [bank loan]

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



1. PMTD Loan Applications

SELECT COUNT(id) AS PMTD\_total\_loan\_application FROM [bank loan]

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



1. SELECT SUM(loan\_amount) AS TOTAL\_AMONT\_FUNDED FROM [bank loan]



1. SELECT SUM(loan\_amount) AS TOTAL\_AMONT\_FUNDED FROM [bank loan]

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



1. SELECT SUM(loan\_amount) AS PMTD\_TOTAL\_AMONT\_FUNDED FROM [bank loan]

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



1. SELECT SUM(total\_payment) AS PMTD\_TOTAL\_AMONT\_Received FROM [bank loan]



1. SELECT SUM(total\_payment) AS MTD\_TOTAL\_AMONT\_Received FROM [bank loan]

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



1. SELECT SUM(total\_payment) AS PMTD\_TOTAL\_AMONT\_Received FROM [bank loan]

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



1. SELECT ROUND(AVG(int\_rate),4)\*100 AS Avg\_int\_rate FROM [bank loan]



1. SELECT ROUND(AVG(int\_rate),4)\*100 AS Mtd\_Avg\_int\_rate FROM [bank loan]

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



1. SELECT ROUND(AVG(int\_rate),4)\*100 AS Pmtd\_Avg\_int\_rate FROM [bank loan]

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



1. SELECT ROUND(AVG(dti),4)\*100 AS Pmtd\_Avg\_dti\_rate FROM [bank loan]

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



1. SELECT ROUND(AVG(dti),4)\*100 AS Mtd\_Avg\_dti\_rate FROM [bank loan]

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



1. 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]



1. SELECT

(COUNT(CASE WHEN loan\_status='Fully Paid' OR loan\_status = 'Current' THEN id END)) AS Good\_Loan\_Applications

FROM [bank loan]

1. SELECT SUM(loan\_amount) AS Good\_Loan\_Funded\_Amount FROM [bank loan]

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



1. SELECT SUM(total\_payment) AS Good\_Loan\_Amount\_Received FROM [bank loan]

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



1. SELECT

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

/

COUNT(id) AS Bad\_Loan\_Percentage FROM [bank loan]



1. SELECT

Count (CASE WHEN loan\_status = 'Charged Off' THEN id END)

AS Bad\_Loan\_Applications FROM [bank loan]



1. SELECT

SUM(loan\_amount) AS Bad\_Loan\_Funded\_Amount FROM [bank loan]

WHERE loan\_status = 'Charged Off'



1. SELECT

SUM(total\_payment) AS Bad\_Loan\_Received\_Amount FROM [bank loan]

WHERE loan\_status = 'Charged Off'



1. SELECT

loan\_status,

Count(id) AS Total\_Loan\_Applications,

SUM(total\_payment) AS Total\_payment\_received,

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

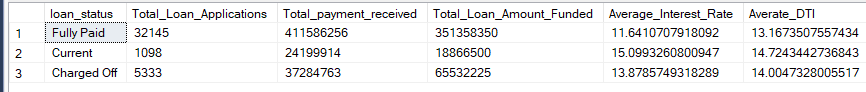
AVG(int\_rate \* 100) AS Average\_Interest\_Rate,

AVG(dti \* 100) AS Averate\_DTI

FROM [bank loan]

GROUP BY

loan\_status



1. SELECT

loan\_status,

SUM(total\_payment) AS Total\_AMOUNT\_RECEIVED,

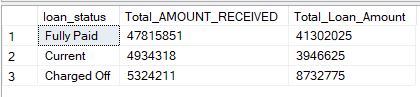
SUM(loan\_amount) AS Total\_Loan\_Amount

FROM [bank loan]

WHERE MONTH(issue\_date) = 12

GROUP BY

loan\_status



1. SELECT

MONTH(issue\_date)AS Month\_Number,

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

COUNT(id) AS Total\_Loan\_Applications,

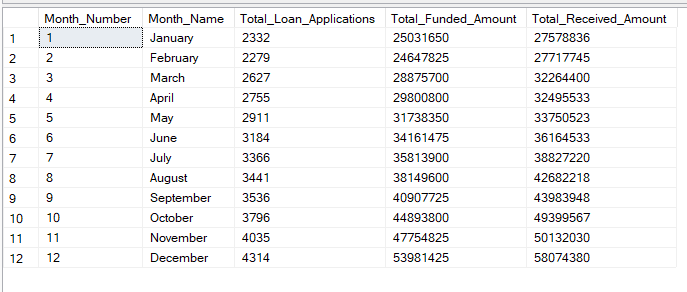
SUM(loan\_amount) AS Total\_Funded\_Amount,

Sum(total\_payment) AS Total\_Received\_Amount

FROM [bank loan]

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

ORDER BY MONTH(issue\_date)



1. SELECT

address\_state,

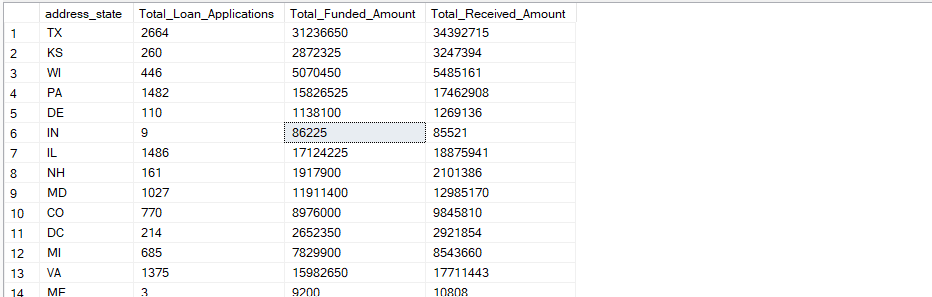
COUNT(id) AS Total\_Loan\_Applications,

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

Sum(total\_payment) AS Total\_Received\_Amount

FROM [bank loan]

GROUP BY address\_state



1. SELECT

term,

Count(id) As Total\_Applications,

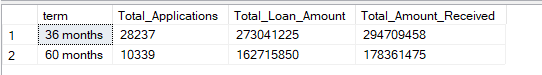
SUM(loan\_amount) AS Total\_Loan\_Amount,

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

FROM [bank loan]

GROUP BY term

ORDER BY term



1. SELECT

emp\_length,

Count(id) As Total\_Applications,

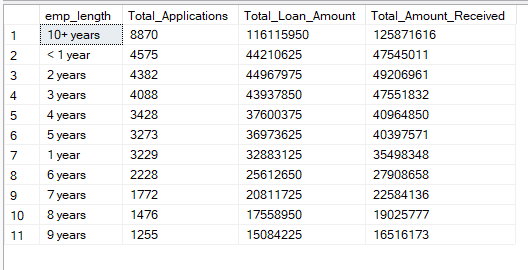
SUM(loan\_amount) AS Total\_Loan\_Amount,

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

FROM [bank loan]

GROUP BY emp\_length

ORDER BY count(id) DESC



1. SELECT

purpose,

Count(id) As Total\_Applications,

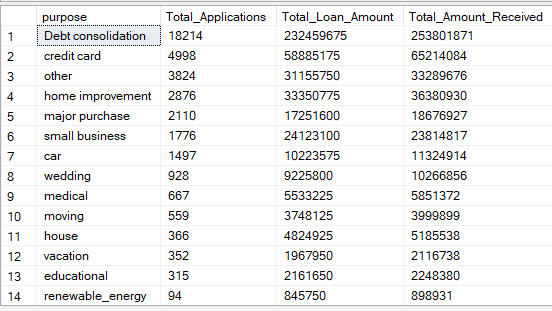
SUM(loan\_amount) AS Total\_Loan\_Amount,

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

FROM [bank loan]

GROUP BY purpose

ORDER BY count(id) DESC



1. SELECT

home\_ownership,

Count(id) As Total\_Applications,

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

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

FROM [bank loan]

GROUP BY home\_ownership

ORDER BY count(id) DESC

