**DAX Used**

Avg DTI = CALCULATE(AVERAGE('bank\_loan financial\_loan'[dti]),ALL('bank\_loan financial\_loan'))

Avg Interest Rate = CALCULATE(AVERAGE('bank\_loan financial\_loan'[int\_rate]),ALL('bank\_loan financial\_loan'))

Bad loan % = calculate([Total Loan Application], 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Bad Loan")/[Total Loan Application]

Bad Loan Amt Received = CALCULATE(SUM('bank\_loan financial\_loan'[total\_payment]), 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Bad Loan")

Bad Loan Application = CALCULATE(COUNT('bank\_loan financial\_loan'[id]), 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Bad lOan")

Bad Loan Funded Amt = CALCULATE(SUM('bank\_loan financial\_loan'[loan\_amount]), 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Bad Loan")

Charged Off =

CALCULATE(

    COUNTROWS('bank\_loan financial\_loan'),

    'bank\_loan financial\_loan'[loan\_status] = "Charged Off"

)

Current = CALCULATE(COUNT('bank\_loan financial\_loan'[loan\_status]),

    'bank\_loan financial\_loan'[loan\_status] IN {"Current"})

Current + Fully Paid =

CALCULATE(

    COUNTROWS('bank\_loan financial\_loan'),

    'bank\_loan financial\_loan'[loan\_status] IN {"Current", "Fully Paid"}

)

Fully Paid = CALCULATE(COUNT('bank\_loan financial\_loan'[loan\_status]),

    'bank\_loan financial\_loan'[loan\_status] IN {"Fully Paid"})

Good loan % = calculate([Total Loan Application], 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Good Loan")/[Total Loan Application]

Good Loan Amt Received = CALCULATE(SUM('bank\_loan financial\_loan'[total\_payment]), 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Good Loan")

Good Loan Application = CALCULATE(COUNT('bank\_loan financial\_loan'[id]), 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Good Loan")

Good Loan Funded Amt = CALCULATE(SUM('bank\_loan financial\_loan'[loan\_amount]), 'bank\_loan financial\_loan'[Good Loan VS Bad Loan]="Good Loan")

MoM Growth % Avg DTI =

DIVIDE(

    [Monthly Avg DTI] - [Previous Month Avg DTI],

    [Previous Month Avg DTI]

)

MoM Growth % Avg Interest Rate =

DIVIDE(

    [Monthly Avg Interest Rate] - [Previous Month Avg Interest Rate],

    [Previous Month Avg Interest Rate]

)

MoM Growth % Loan Application = CONCATENATE(

DIVIDE(

    [Total Loan Application] - [Previous Month Loan Application],

    [Previous Month Loan Application]

), "%")

MoM Growth % Loan Payment Received =

DIVIDE(

    [Monthly Payment Received] - [Previous Month Loan Payment Received],

    [Previous Month Loan Payment Received]

)

MoM Growth % Loan Sanctioned =

DIVIDE(

    [Monthly Loan Sanctioned] - [Previous Month Loan Sanctioned],

    [Previous Month Loan Sanctioned]

)

Monthly Avg DTI = CALCULATE(AVERAGE('bank\_loan financial\_loan'[dti]))

Monthly Avg Interest Rate = CALCULATE(AVERAGE('bank\_loan financial\_loan'[int\_rate]))

Monthly Loan Application = count('bank\_loan financial\_loan'[id])

Monthly Loan Sanctioned = SUM('bank\_loan financial\_loan'[loan\_amount])

Monthly Payment Received = SUM('bank\_loan financial\_loan'[total\_payment])

MTD\_Loan\_Application = CALCULATE(TOTALMTD([Monthly Loan Application],'Date table'[Date].[Date]))

Previous Month Avg DTI =

CALCULATE(

    [Monthly Avg DTI],

    PREVIOUSMONTH('Date table'[Date])

)

Previous Month Avg Interest Rate =

CALCULATE(

    [Monthly Avg Interest Rate],

    PREVIOUSMONTH('Date table'[Date])

)

Previous Month Loan Application =

CALCULATE(

    [Total Loan Application],

    PREVIOUSMONTH('Date table'[Date])

)

Previous Month Loan Payment Received =

CALCULATE(

    [Monthly Payment Received],

    PREVIOUSMONTH('Date table'[Date])

)

Previous Month Loan Sanctioned =

CALCULATE(

    [Monthly Loan Sanctioned],

    PREVIOUSMONTH('Date table'[Date])

)

Total Funded Amount = [Bad Loan Funded Amt]+ [Good Loan Funded Amt]

Total Loan Application =

COUNT('bank\_loan financial\_loan'[id])

Total Loan Application (Ignore Date) =

CALCULATE(

    COUNT('bank\_loan financial\_loan'[id]),

    ALL('Date table')

)

Total Sum of Loan = CALCULATE(sum('bank\_loan financial\_loan'[loan\_amount]),all('bank\_loan financial\_loan'))

TotalPayment\_received = CALCULATE(sum('bank\_loan financial\_loan'[total\_payment]),all('bank\_loan financial\_loan'))

**CREATED DATE TABLE**

Date table = CALENDAR(min('bank\_loan financial\_loan'[issue\_date]),MAX('bank\_loan financial\_loan'[issue\_date]))

Extracted month from date table

Month = FORMAT('Date table'[Date],"mmmm")

Created Month no. to arrange in order

MonthNumber = MONTH('Date table'[Date])

Created a Parameter for Line Graph

Y axis = {

    ("Toal Application", NAMEOF('Overview'[Toal Application]), 0),

    ("Total AMount Funded", NAMEOF('Overview'[Total AMount Funded]), 1),

    ("Total PAyment Received", NAMEOF('Overview'[Total PAyment Received]), 2)}