

# BANK LOAN ANALYSIS

## DAX COMMANDS

- New Table DateW Table = `CALENDAR(MIN(financial_loan[issue_date]), MAX(financial_loan[issue_date]))`
- New Column Month = `FORMAT('Date Table'[Date], "mmmm")`
- New Measure Total Loan Application = `COUNT(financial_loan[id])`
- New Measure MTD Loan Application = `CALCULATE(TOTALMTD([Total Loan Application], 'DateW Table'[Date]))`
- New Measure PMTD Loan Application = `CALCULATE([Total Loan Application], DATESMTD(DATEADD('DateW Table'[Date], -1, MONTH)))`
- New Measure MoM Loan Application =  $([MTD \text{ Loan Application}] - [PMTD \text{ Loan Application}] / [PMTD \text{ Loan Application}]$
- New Measure Total Funded Amount = `SUM(financial_loan[loan_amount])`
- New Measure MTD Funded Amount = `CALCULATE(TOTALMTD([Total Funded Amount], 'DateW Table'[Date]))`
- New Measure PMTD Funded Amount = `CALCULATE([Total Funded Amount], DATESMTD(DATEADD('DateW Table'[Date], -1, MONTH)))`
- New Measure MoM Funded Amount =  $([MTD \text{ Funded Amount}] - [PMTD \text{ Funded Amount}] / [PMTD \text{ Funded Amount}]$
- New Measure Total Amount Received = `SUM(financial_loan[total_payment])`
- New Measure MTD Amount Received = `CALCULATE(TOTALMTD([Total Amount Received], 'DateW Table'[Date]))`
- New Measure PMTD Amount Received = `CALCULATE([Total Amount Received], DATESMTD(DATEADD('DateW Table'[Date], -1, MONTH)))`
- New Measure MoM Amount Received =  $([MTD \text{ Amount Received}] - [PMTD \text{ Amount Received}] / [PMTD \text{ Amount Received}]$
- New Measure Avg Interest Rate = `AVERAGE(financial_loan[int_rate])`
- New Measure MTD Avg Interest Rate = `CALCULATE(TOTALMTD([Avg Interest Rate], 'DateW Table'[Date]))`
- New Measure PMTD Avg Interest Rate = `CALCULATE([Avg Interest Rate], DATESMTD(DATEADD('DateW Table'[Date], -1, MONTH)))`
- New Measure MoM Avg Interest Rate =  $([MTD \text{ Avg Interest Rate}] - [PMTD \text{ Avg Interest Rate}] / [PMTD \text{ Avg Interest Rate}]$
- New Measure Avg DTI = `AVERAGE(financial_loan[dti])`
- New Measure MTD Avg DTI = `CALCULATE(TOTALMTD([Avg DTI], 'DateW Table'[Date]))`
- New Measure PMTD Avg DTI = `CALCULATE([Avg DTI], DATESMTD(DATEADD('DateW Table'[Date], -1, MONTH)))`
- New Measure MoM Avg DTI =  $([MTD \text{ Avg DTI}] - [PMTD \text{ Avg DTI}] / [PMTD \text{ Avg DTI}]$
- New Measure Good Loan % =  $(CALCULATE([Total Loan Application], financial_loan[Good vs Bad Loan] = "Good Loan")) / [Total Loan Application]$
- New Measure Good Loan Application = `CALCULATE([Total Loan Application], financial_loan[Good vs Bad Loan] = "Good Loan")`
- New Measure Good Loan Funded Amount = `CALCULATE([Total Funded Amount], financial_loan[Good vs Bad Loan] = "Good Loan")`
- New Measure Good Loan Received Amount = `CALCULATE([Total Amount Received], financial_loan[Good vs Bad Loan] = "Good Loan")`
- New Measure Bad Loan % =  $(CALCULATE([Total Loan Application], financial_loan[Good vs Bad Loan] = "Bad Loan")) / [Total Loan Application]$
- New Measure Bad Loan Application = `CALCULATE([Total Loan Application], financial_loan[Good vs Bad Loan] = "Bad Loan")`

- **New Measure** Bad Loan Funded Amount = `CALCULATE([Total Funded Amount], financial_loan[Good vs Bad Loan] = "Bad Loan")`
- **New Measure** Bad Loan Received Amount = `CALCULATE([Total Amount Received], financial_loan[Good vs Bad Loan] = "Bad Loan")`
- **New Measure** Month\_Num = `MONTH('DateW Table'[Date])`