DAX Formula

Date Table =

VAR StartDate = MIN('Bank data'[Date Joined])

VAR EndDate = MAX('Bank data'[Date Joined])

VAR DateTable =

ADDCOLUMNS(

CALENDAR(StartDate, EndDate),

"Year", YEAR([Date]),

"Quarter Name", FORMAT([Date], "\QQ"),

"Quarter number", QUARTER([Date]),

"Month Name", FORMAT([Date], "MMM"),

"Month number", MONTH([Date]),

"Month Year", FORMAT([Date], "MMM YYYY"),

"Month Year Sort", VALUE(FORMAT([Date], "YYYYMM")),

"Week Name", "W" & WEEKNUM([Date]),

"Day Name", FORMAT([Date], "DDDD"),

"Day number", WEEKDAY([Date])

)

RETURN

DateTable

Dax Calculations:

Total Balance = SUM('Bank data'[Balance])

Male Balance = CALCULATE([Total Balance], 'Bank data'[Gender]= "Male")

Female Balance = CALCULATE([Total Balance], 'Bank data'[Gender]= "Female")

House Owners Balance = CALCULATE([Total Balance], 'Bank data'[houseloan] = "yes")

Renters Balance = CALCULATE([Total Balance], 'Bank data'[houseloan] = "no")

Total Customers = COUNTROWS( 'Bank data')

Avg Age = AVERAGE( 'Bank data'[Age])

Avg Balance = AVERAGE( 'Bank data'[Balance])

Time intelligence cal:

costomer MoM =

VAR PM= CALCULATE([Total Customers],DATEADD('Date Table'[Date],-1,MONTH))

VAR CM=[Total Customers]

RETURN

IF(AND(CM,PM),CM/PM-1)

Balance MoM =

VAR PM= CALCULATE([Total Balance],DATEADD('Date Table'[Date],-1,MONTH))

VAR CM=[Total Balance]

RETURN

IF(AND(CM,PM),CM/PM-1)