# **dax formulas**

1. avg dti = AVERAGE(bank\_loan\_data[dti])
2. avg intrest rate = AVERAGE(bank\_loan\_data[int\_rate])
3. Bad Loan Applications = CALCULATE([Total Loan Applications],bank\_loan\_data[good vs bad loans]="bad loan")
4. Bad Loan Funded Amount = CALCULATE([total funded amount],bank\_loan\_data[good vs bad loans]="bad loan")
5. bad loan percentage = CALCULATE([Total Loan Applications],bank\_loan\_data[good vs bad loans]="bad loan")/[Total Loan Applications]
6. Bad Loan Received Amount = CALCULATE([total amount received],bank\_loan\_data[good vs bad loans]="bad loan")
7. Good Loan Applications = CALCULATE([Total Loan Applications],bank\_loan\_data[good vs bad loans]="good loan")
8. Good Loan Funded Amount = CALCULATE([total funded amount],bank\_loan\_data[good vs bad loans]="good loan")
9. good loan percentage = CALCULATE([Total Loan Applications],bank\_loan\_data[good vs bad loans]="good loan")/[Total Loan Applications]
10. Good Loan Received Amount = CALCULATE([total amount received],bank\_loan\_data[good vs bad loans]="good loan")
11. mom avg dti = ([Mtd avg dti]-[pmtd avg dti])/[pmtd avg dti]
12. mom intrest rate = ([Mtd avg intrest]-[pmtd intrest rate])/[pmtd intrest rate]
13. mom loan application = ([Mtd loan applications]-[pmtd loan applications])/[pmtd loan applications]
14. mom loan funded = ([Mtd funded amount]-[pmtd loan funded])/[pmtd loan funded]
15. mom loan received = ([Mtd amount received]-[pmtd loan received])/[pmtd loan received]
16. Mtd amount received = CALCULATE(TOTALMTD([total amount received],date\_table[Date]))
17. Mtd avg dti = CALCULATE(TOTALMTD([avg dti],date\_table[Date]))
18. Mtd avg intrest = CALCULATE(TOTALMTD([avg intrest rate],date\_table[Date]))
19. Mtd funded amount = CALCULATE(TOTALMTD([total funded amount],date\_table[Date]))
20. Mtd loan applications = CALCULATE(TOTALMTD([Total Loan Applications],date\_table[Date]))
21. pmtd avg dti = CALCULATE([avg dti],DATESMTD(DATEADD(date\_table[Date],-1,MONTH)))
22. pmtd intrest rate = CALCULATE([avg intrest rate],DATESMTD(DATEADD(date\_table[Date],-1,MONTH)))
23. pmtd loan applications = CALCULATE([Total Loan Applications],DATESMTD(DATEADD(date\_table[Date],-1,MONTH)))
24. pmtd loan funded = CALCULATE([total funded amount],DATESMTD(DATEADD(date\_table[Date],-1,MONTH)))
25. pmtd loan received = CALCULATE([total amount received],DATESMTD(DATEADD(date\_table[Date],-1,MONTH)))
26. total amount received = SUM(bank\_loan\_data[total\_payment])
27. total funded amount = SUM(bank\_loan\_data[loan\_amount])
28. Total Loan Applications = COUNT(bank\_loan\_data[id])
29. date\_table = CALENDAR(MIN(bank\_loan\_data[issue\_date]),MAX(bank\_loan\_data[issue\_date]))—for custom calender table creation
30. month = FORMAT(date\_table[Date],"MMM") — to extrct the month name
31. month\_number = MONTH(date\_table[Date].[Date —to extract the month number to sort the months in ascending order(jan-dec)