جامعة الحسين التقنية
Al Hussein Technical University

Business intelligence -Lab7

Dax Functions

-Upload the loan into Power BI and then implement the following tasks:

- create a new column called “income1” to calculate the income multiplier by 0.05.
- Create a new column called “income_diff” to calculate the difference between income and income1.
- Create a new column called “income_sum” to calculate the summation of income and income1.
- create a new column called “div” to find the division of Loan_disbursed/Outstanding_debt
- Create a column named "Age Group" that categorizes patients into different age groups (e.g., Young, Middle-aged, Elderly) based on their age. Hint: The age groups are as the following: < 30: "Young", 30 – 60: "Middle-aged", >60: "Elderly.
- Create a new column to convert “purpose” to upper letter.
- create a new column to return the current day.
- Create a new measure to calculate the average of feedback.
  -We use AVERAGE when you want to compute the average of numbers in a single column.
  -We use AVERAGEX when calculating the average of an expression or when working with a complex calculation involving multiple columns.
  - We use AVERAGEA when you want to include logical and text values in the calculation, converting them as described above.
- Create a new measure to calculate the maximum income.
- Create a new measure to calculate the oldest year.
- Create a new measure to calculate the oldest year.
- Check if the income is high value ($2000 or more) and high feedback (4 or more) and return “yes” if the condition is true and “no” if the condition is false.