CAPSTONE PROJECT

Domain: Banking (Financial Sector)

Tables Provided

- Customer
- Transactions

METHODOLOGY

Created a copy of the tables "Customer"- "Customer Working Data"

"Transactions"- "Transactions Working Data"..

This is to avoid messing with the original data

ASSUMPTIONS/ DATA CLEANING/ DATA PREPROCESSING
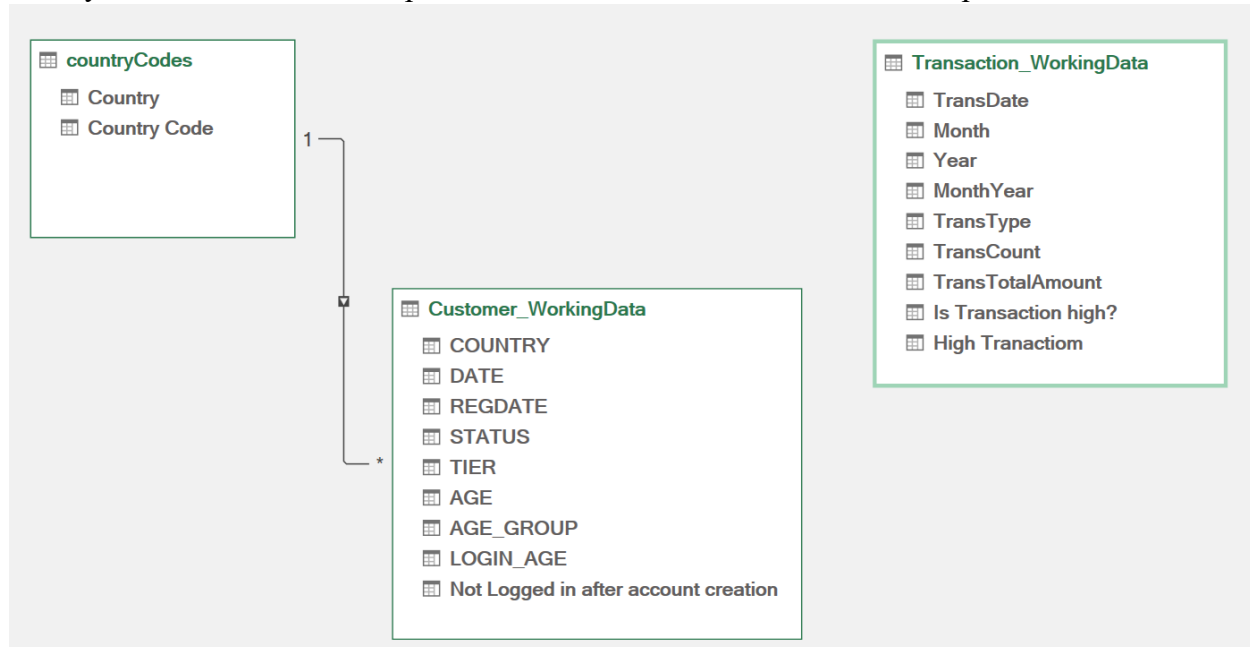
TABLES	
Customer	When login age is BLANK and customer status is PENDING or BLOCKED, the login age is replaced 0
Customer	Created new field/column "**Age Group**" to bin age categories Age categories: young adults (18-25), millennials (26-35), Gen X (36-50) and Seniors (51+)
Customer	Created new field/column "**Not Logged in after 30 days**" Context: If Customer status is active and login age is greater than 30, return FALSE to indicate the customer has not logged in the last 30 days
Customer	Created new field/column "**Not Logged in after 6 months**" Context: If Customer status is active and login age is greater than 180, return FALSE to

	indicate the customer has not logged in the last 6 montys
Transaction	Created new field/column was created **"Transaction Type"** Context: If transaction amount < 5000000, "Low Level", Else If transaction amount >= 5000000, "High Level".
CountryCodes (New Table)	Extracted Country codes and country name by getting data from the web

DATA MODELLING USING POWER PIVOT IN EXCEL

Only established relationship between Country codes and Customer data using related field (country code)

No keys to establish relationship between Customer and Transactions were provided in the dataset.

EXPLORATORY ANALYSIS

- Generated pivot tables to discover insights
- Writing formulas to get KPIS
- Used appropriate visuals to share insights.

DASHBOARD CREATION