CREDIT CARD

WEEKLY
STATUS REPORT

Content in this tutorial video

1. Project objective 2. Data from SQL 3. Data processing & DAX 4. Dashboard & insights 5. Export & share project

Power Bi Projects

Project Objective

To develop a comprehensive credit card weekly dashboard that provides real-time insights into key performance metrics and trends, enabling stakeholders to monitor

and analyze credit card operations effectively.

Download Data

GitHub:

https://github.com/Jitendrasinghdatascientist/Credit_Card_Financial_Dashboard

or

Google Drive:

Click Here

Import data to SQL database

1. Prepare csv file 2.Create tables in SQL 3.import csv file into SQL

NOTE: Find all SQL queries & project data- github.com/Jitendrasinghdatascientist/Credit_Card_Financial_Dashboard

DAX Queries

```
AgeGroup = SWITCH(
   TRUE(),
    'public cust_detail'[customer_age] < 30, "20-30",
    'public cust_detail'[customer_age] >= 30 && 'public cust_detail'[customer_age] < 40, "30-40",
    'public cust_detail'[customer_age] >= 40 && 'public cust_detail'[customer_age] < 50, "40-50",
    'public cust_detail'[customer_age] >= 50 && 'public cust_detail'[customer_age] <
60, "50-60",     'public cust_detail'[customer_age] >= 60, "60+",
    "unknown"
    )

IncomeGroup = SWITCH(
    TRUE(),
    'public cust_detail'[income] < 35000, "Low",
    'public cust_detail'[income] >= 35000 && 'public cust_detail'[income] <70000,
"Med",
    'public cust_detail'[income] >= 70000, "High",
```

"unknown"
)

DAX Queries

week_num2 = WEEKNUM('public cc_detail'[week_start_date])

Revenue = 'public cc_detail'[annual_fees] + 'public cc_detail'[total_trans_amt] + 'public cc_detail'[interest_earned]

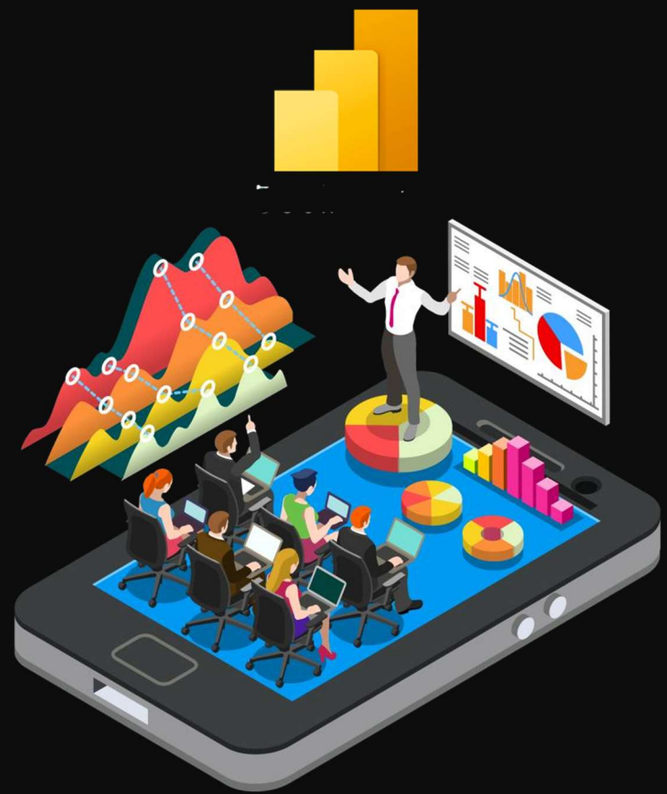
Current_week_Reveneue = CALCULATE(
SUM('public cc_detail'[Revenue]),
FILTER(
ALL('public cc_detail'),
'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])))

Previous_week_Reveneue = CALCULATE(
SUM('public cc_detail'[Revenue]),
FILTER(
ALL('public cc_detail'),
'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])-1))

Project Insights- Week 53 (31st Dec)

WoW change:

- Revenue increased by 28.8%,
- Total Transaction Amt & Count increased by xx% & xx%
- Customer count increased by xx% **Overview YTD:**
- Overall revenue is 57M
- Total interest is 8M
- Total transaction amount is 46M
- Male customers are contributing more in revenue 31M, female 26M
- Blue & Silver credit card are contributing to 93% of overall transactions
- TX, NY & CA is contributing to 68%
- Overall Activation rate is 57.5%
- Overall Delinquent rate is 6.06%



Note: You can add more insights

Add to resume

Credit card financial dashboard using Power BI:

- Developed an interactive dashboard using transaction and customer data from a SQL database, to provide real-time insights.
- Streamlined data processing & analysis to monitor key performance metrics and trends.
- Shared actionable insights with stakeholders based on dashboard findings to support decision-making processes.

FOLLOW FOR MORE DATA SCIENCE & ANALYTICS RESOURCES

Instagram:

www.instagram.com/JitendraSingh1633/

LinkedIn: linkedin.com/in/jitendra-singh-b977ab225

Keep learning n keep growing