CREDIT CARD

WEEKLY STATUS REPORT

Rishav burnwal

Content

1. Project objective

2. Data from MySQL

3. Data processing & DAX

4. Dashboard & insights

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.

Import data to SQL database

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

| Data Output | Messages | Notifications |

```
COPY 10108

Query returned successfully in 82 msec.
```

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))

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.