

The background is a dark blue gradient with a subtle pattern of white dots. On the left side, there are several concentric circular patterns and a large arc with a scale from 140 to 260. The scale has major tick marks every 10 units and minor tick marks every 2 units. The text 'CREDIT CARD' is written in a large, white, sans-serif font.

CREDIT CARD

WEEKLY STATUS REPORT

Using Power BI

BY KHUSHI PATEL

KHUSHI PATEL

IMPORT DATA TO SQL SERVER FROM CSV FILE

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

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, "High"`
- `IncomeGroup = SWITCH(TRUE(), 'public cust_detail'[income] < 35000, "Low", 'public cust_detail'[income] >= 35000 && '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_Revenue = CALCULATE(SUM('public cc_detail'[Revenue]), FILTER(ALL('public cc_detail'), 'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])))`
- `Previous_week_Revenue = 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 (DECEMBER 31,2023)

➤ **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 55M
- Total interest is 7.84M
- Total transaction amount is 45M
- 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%

GITHUB Link

https://github.com/khushipatel1311/Power_BI_CreditCard_Dashboard