CREDIT CARD WEEKLY TRANSACTION REPORT

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- OBJECTIVE
- DATA EXPLANATION
- POWERBI QUERIES
- VALUABLE INSIGHTS

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.

Data Explanation

from CSV, we can see that we have customer details like their age, occupation, state, mode of payment while using credit card and the type of card that they are having like Blue, Gold, Premium.

The table of card contains information card charges and interest earned by bank, week start date and the primary key is client number.

PowerBI Queries

```
Revenue = credit_card[Annual_Fees]+credit_card[Interest_Earned]+credit_card[Total_Trans_Amt]
```

The first measure we have build here is of revenue . Then we have implemented switch for the two different columns in which we have Age group and salary. Here is the query of switch statement.

```
AgeGroup = SWITCH(
    TRUE(),
    cust_add[Customer_Age]<30,"20-30",
    cust_add[Customer_Age]>=30 && cust_add[Customer_Age]<40,"30-40",
    cust_add[Customer_Age]>=40 && cust_add[Customer_Age]<50,"40-50",
    cust_add[Customer_Age]>=50 && cust_add[Customer_Age]<60,"50-60",
    cust_add[Customer_Age]>=60,"60+",
    "unknown"
)
```

Valuable Insights

- Revenue increased by 28.8%
- Overall revenue is 55M
- Total interest earned is 8M
- Blue & Silver credit card are contributing to 93% of overall transactions
- Male customers are contributing more in revenue 31M, female 26M
- Total transaction amount is 46M