

# CREDIT CARD TRANSACTION ANALYSIS DASHBOARD

## USER DATA

- Demographic information about customers
- Account-related details
- Enables customer segmentation and personalized analysis

## TRANSACTION DATA

- Detailed transaction records including amounts, timestamps, and merchant details
- Features transaction types, amounts, and merchant information

## CREDIT CARD DATA

- Credit and debit card details
- Includes card limits, types, and activation dates
- Links to customer accounts via card\_id
- Essential for understanding customer financial profiles

## MCC CODES

- Standard classification codes for business types
- Enables transaction categorization and spending analysis
- Industry-standard MCC codes with descriptions

START

OVERVIEW

USER ANALYSIS

TRANSACTION ANALYSIS

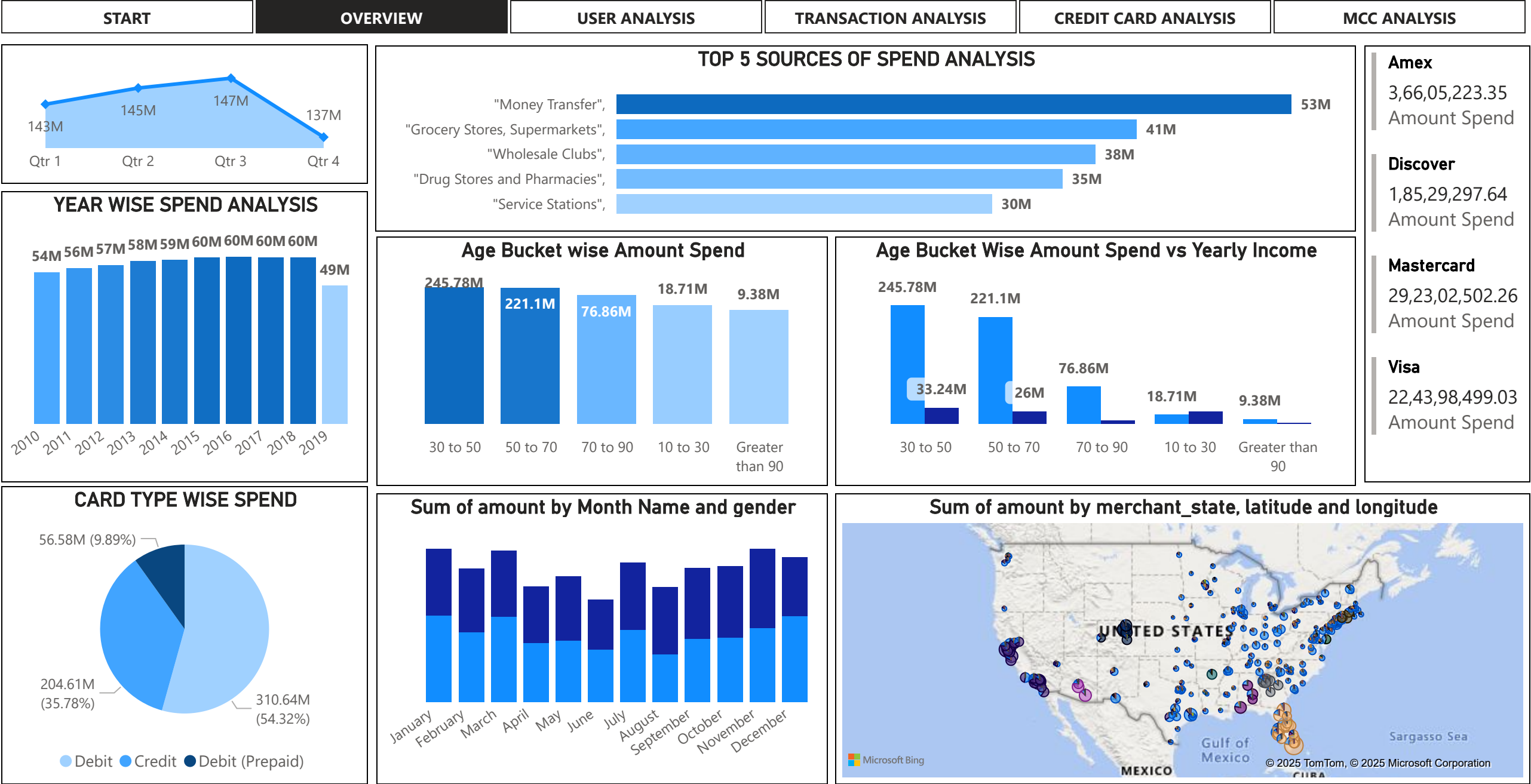
CREDIT CARD ANALYSIS

MCC ANALYSIS

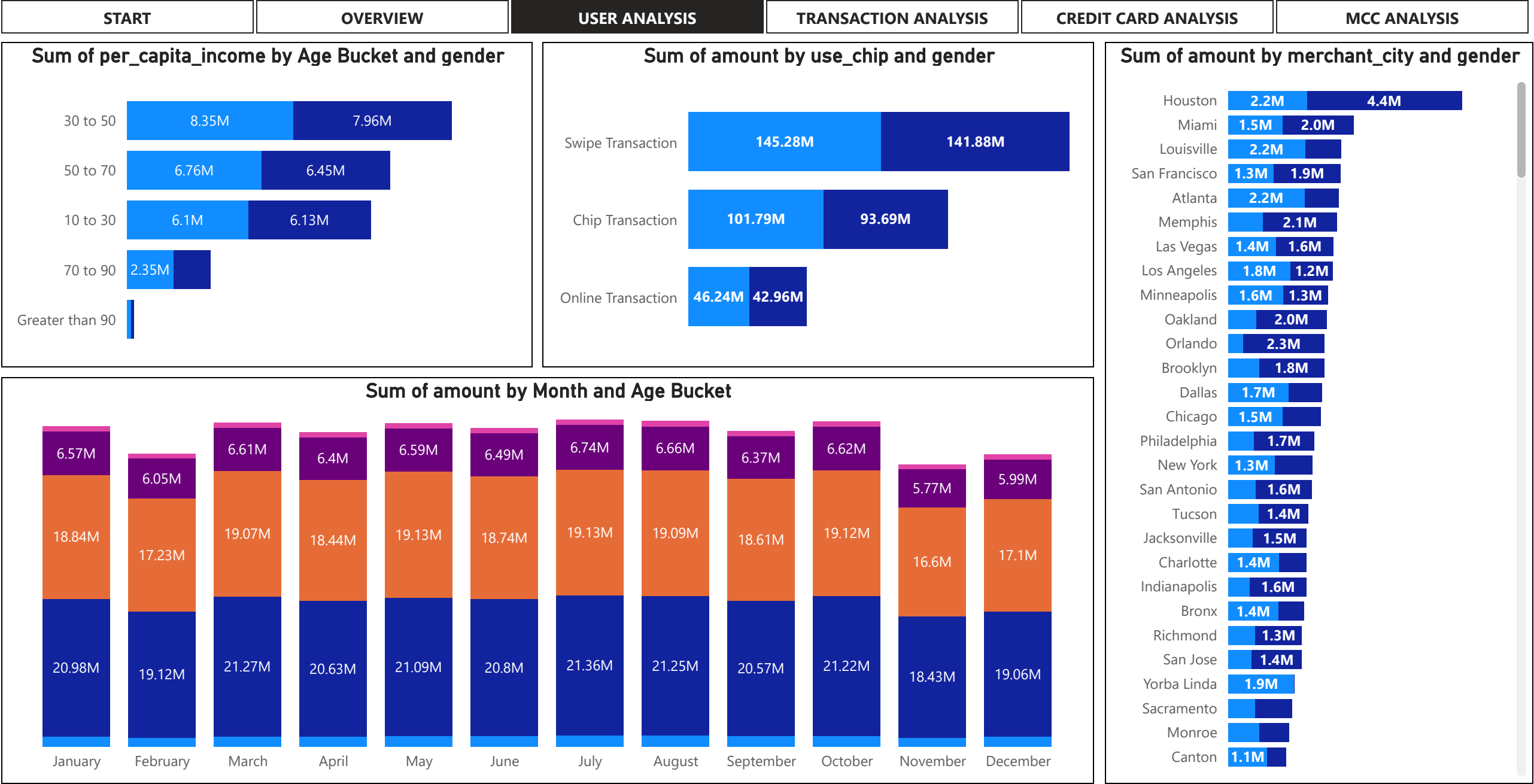
## PROJECT ANALYSIS

1. This project includes the analysis of Credit Card Transaction done by individuals with the help of various parameters like User data, Transactional data, Credit Card Data and MCC Codes.
2. Month on Month transaction of user by creation of age bucketing, along with categorization of gender
3. Created a decomposition tree to show flow of transaction on various parameters like gender, age bucket, credit card type etc.
4. Comparison of Yearly Income, Per Capita Income with Amount Spent month on month basis
5. Analysis includes the type of transaction done by customer with the help of MCC Code details
6. City wise transaction along with gender so that we can analyze the amount spend by customer

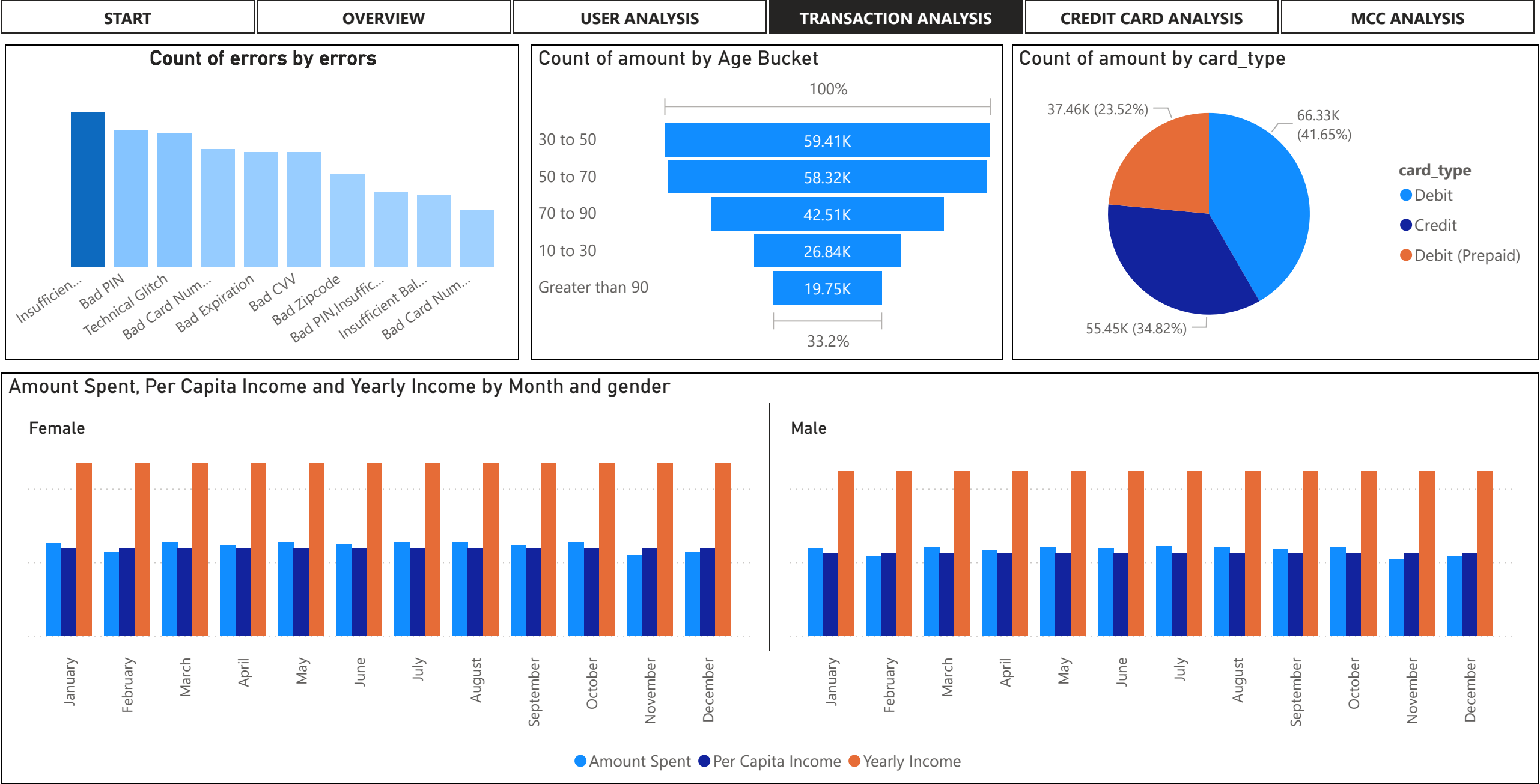
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START	OVERVIEW	USER ANALYSIS	TRANSACTION ANALYSIS	CREDIT CARD ANALYSIS	MCC ANALYSIS
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Month Name	gender	Age Bucket	Details	card_brand	card_type
January	Female	30 to 50	"Airlines",	Visa	

