**Data Visualization of fintech data**

**Monthly Transactions Analysis**

Extract the month from the transaction dates and count the number of transactions for each month to identify trends and seasonality in customer activity.

**Revenue Trend Analysis**

Sum the total revenue for each time period (e.g., month or quarter) to assess the trend of total revenue over time and understand the financial performance and growth of the company.

**Transaction Type Distribution**

Count the number of transactions for each type of transaction to examine the distribution of different transaction types and understand which services or products are most frequently utilized by customers.

**Transaction Value Distribution**

Organize the transaction values into bins (e.g., ranges of values) to understand the distribution of transaction values, identifying common transaction amounts and outliers.

**Customer Age and Transaction Value Relationship**

Use the columns for transaction value and customer age to investigate the relationship between customer age and transaction value, determining if certain age groups tend to spend more.