Exploratory Data Analysis

ANZ Synthesized Transaction Dataset

Task: Segment the dataset and draw unique insights, including visualization of the transaction volume and assessing the effect of any outliers.

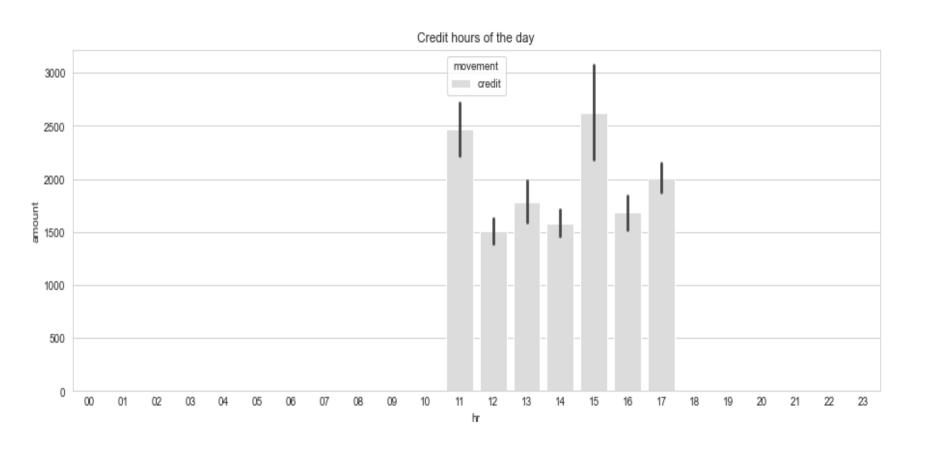By Arowolo Emmanuel

Summary

This task is based on a synthesized transaction dataset containing 3 months' worth of transactions for 100 hypothetical customers. It contains purchases, recurring transactions, and salary transactions.

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Info                           Summary            Info (Daily)              Summary
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Credit transaction occurs :    11:00 - 17:00      Average no transaction    132.341
Most Transaction occured  :    October            Average amount            17.3028
Balance growth            :    Upward Trend       Average balance           3583.26


Info                                         Customer          value
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Customer with Highest balance                Jeffrey          1.29679e+06
Customer with Highest amount                 Michael         6158.21
Customer with most reoccuring transaction    Michael          746
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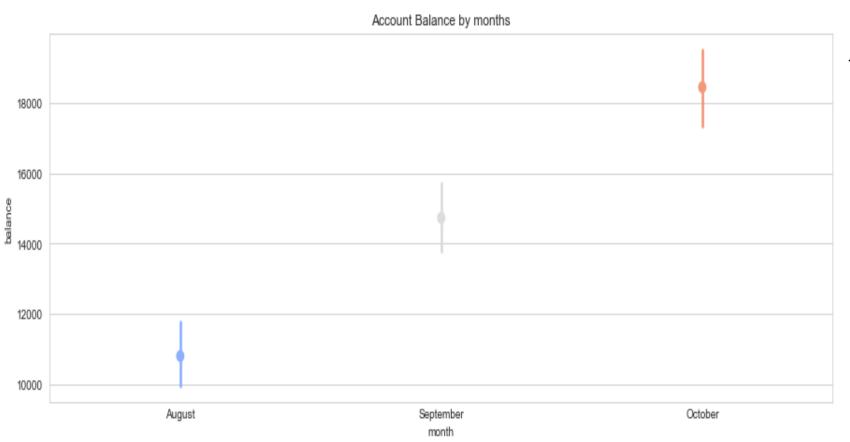
Credit Transaction

Credit hours of the day

Customers credit their account between 11:00 to 17:00 daily.

Monthly Balance Trend

Account Balance by months
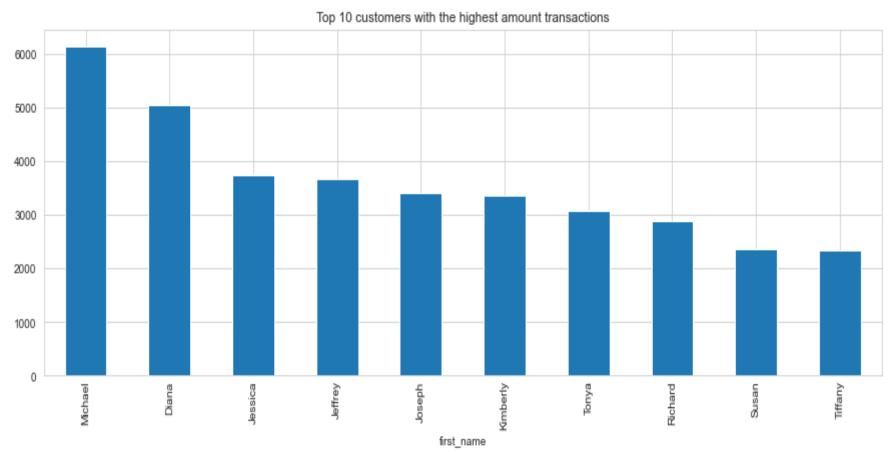
Balance grew monthly, following an upward trend

Top 10 Customers (Amount)

Top 10 customers with the highest amount transactions

Michael made the most out of the amount .

Age by Gender

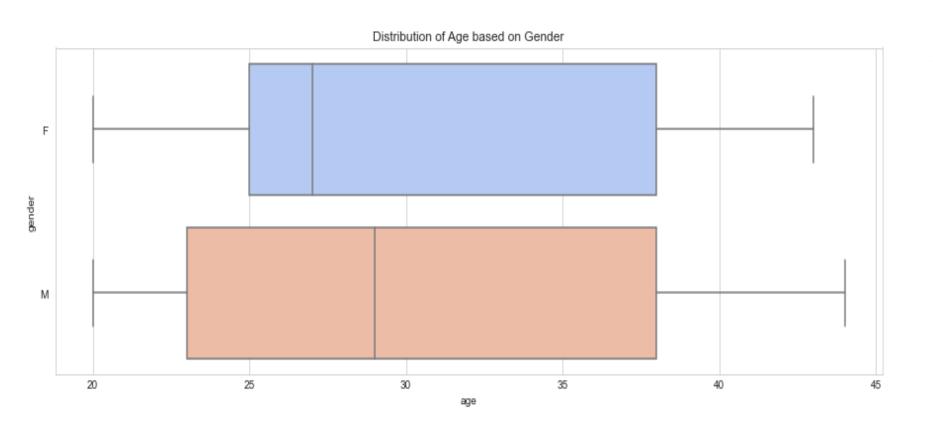Distribution of Age based on Gender

Average age of Male is higher than that of Female

Thank You