

ANZ synthesised transaction dataset Data Analysis

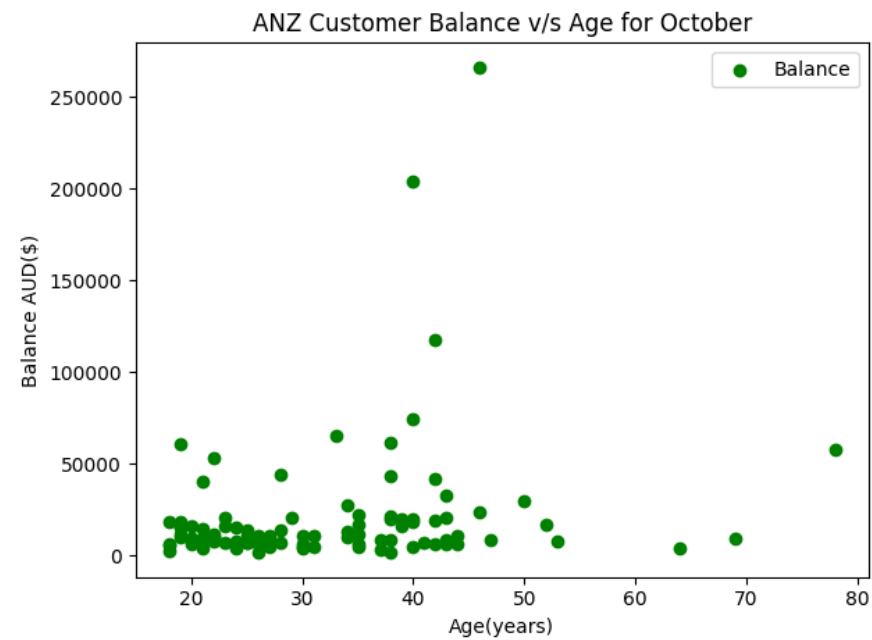
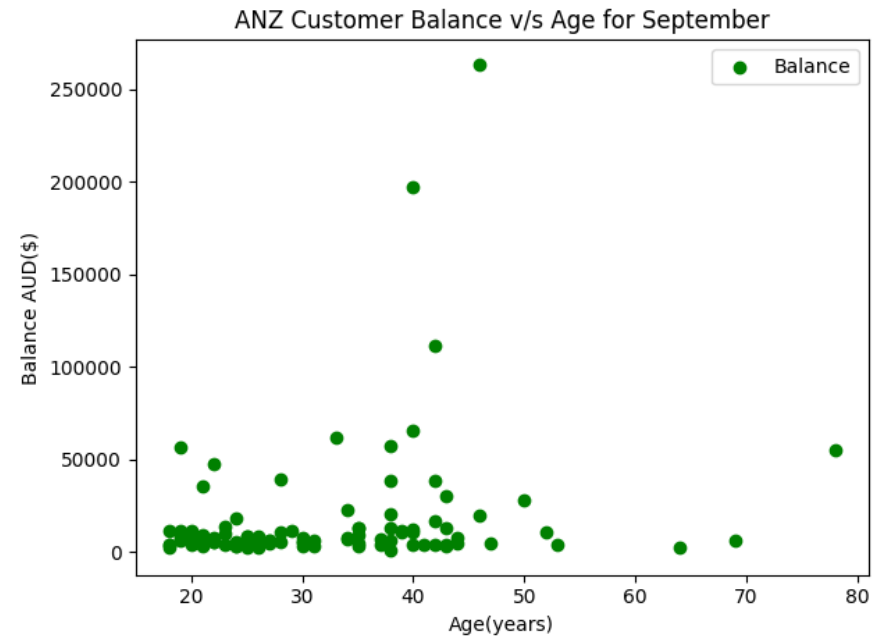
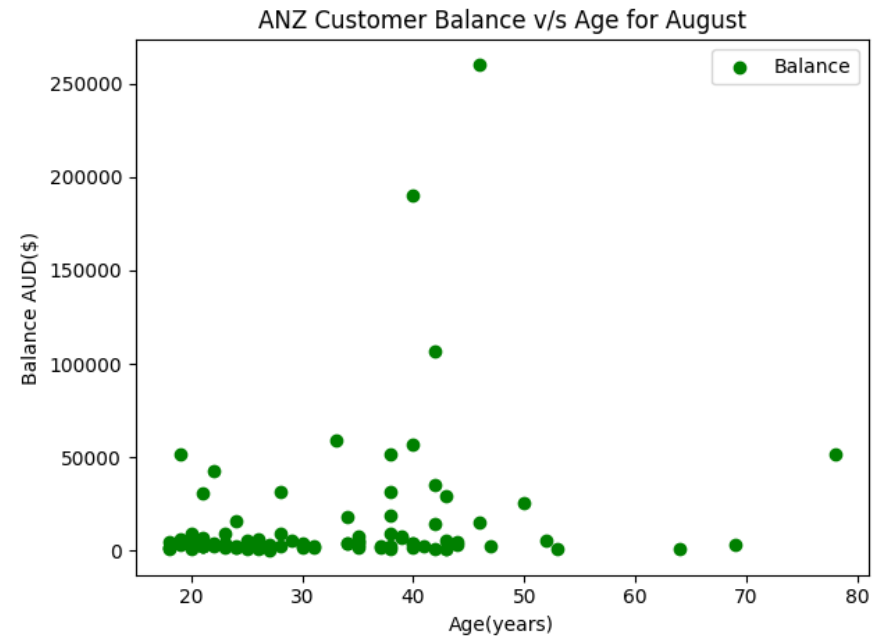
By
Sai Vivek Amirishetty

Data@ANZ Virtual Experience Program-(Task-1)

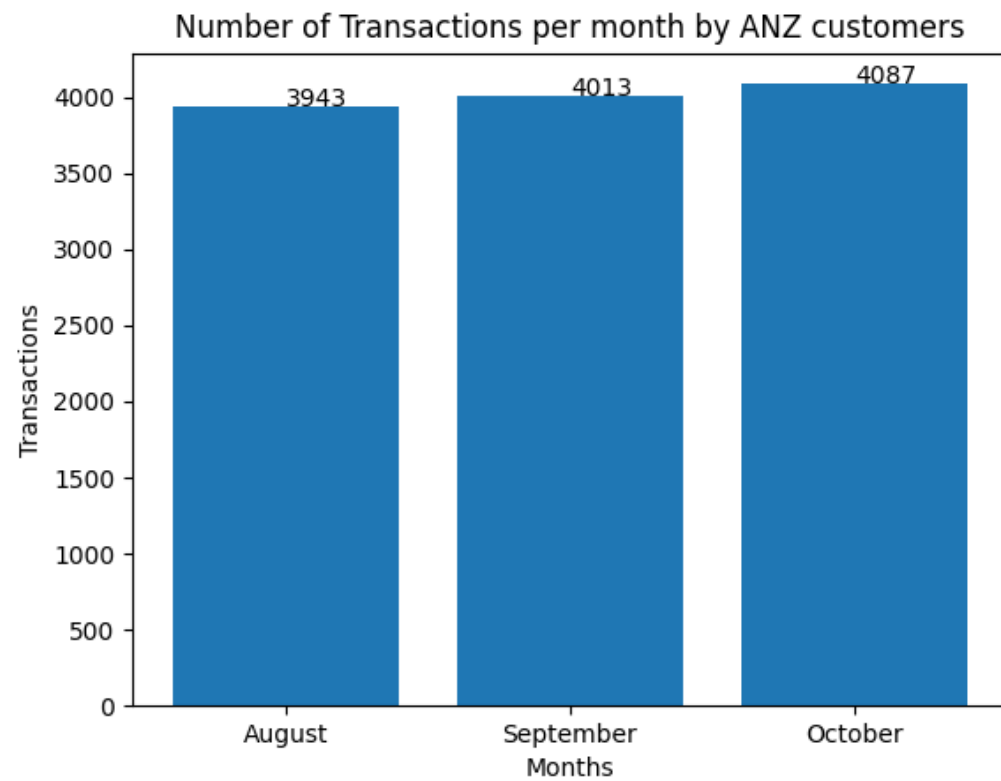
Analysis

- The dataset contains data of transactions of 100 customers of ANZ for a period of 3 months.
- There are more customers in 20-30 age group and customers who are early 20's make the most number of transactions.
- Age group of 40-50 has more balance compared to other age groups.
- Older people above 50 do the least number of transactions.
- Age group of 20-25 did the most amount in transactions.
- More number of Transactions are done on Wednesday in the three months.
- POS is the highest type of transactions done by the customers.
- Queensland, New South Wales has more number of transactions.
- There is approximately 3.7% growth in number of transactions over the period of three months.
- I have plotted the location of each customer on the map and found out the Victoria and New South Wales has more number of customers.

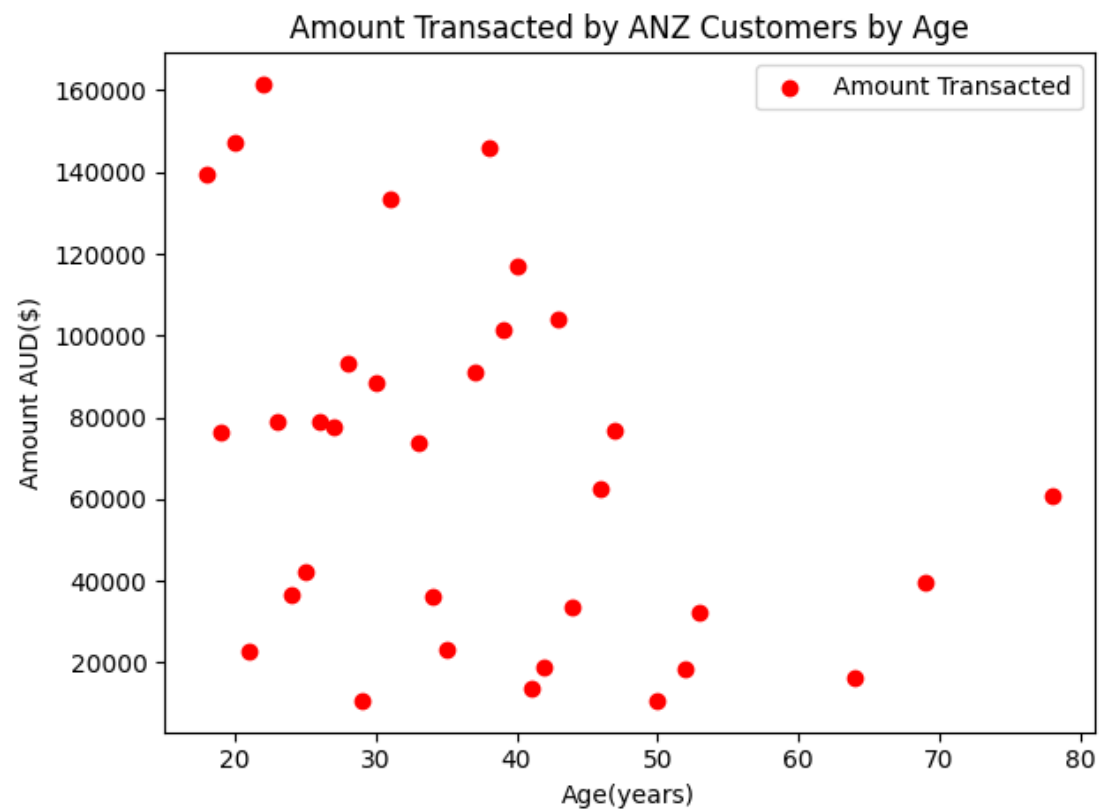
Data Visualisation



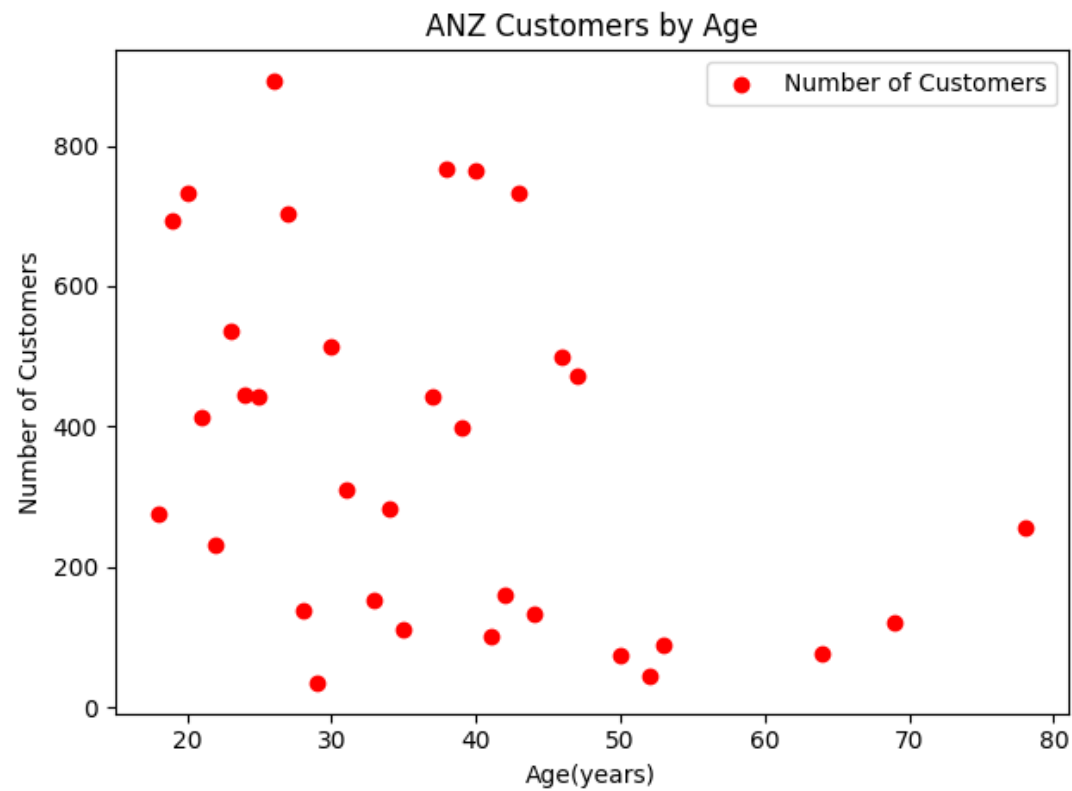
- This is the analysis of Balance of customers for each month compared to the age.
- We can see that age group of 40-50 has the most balance.



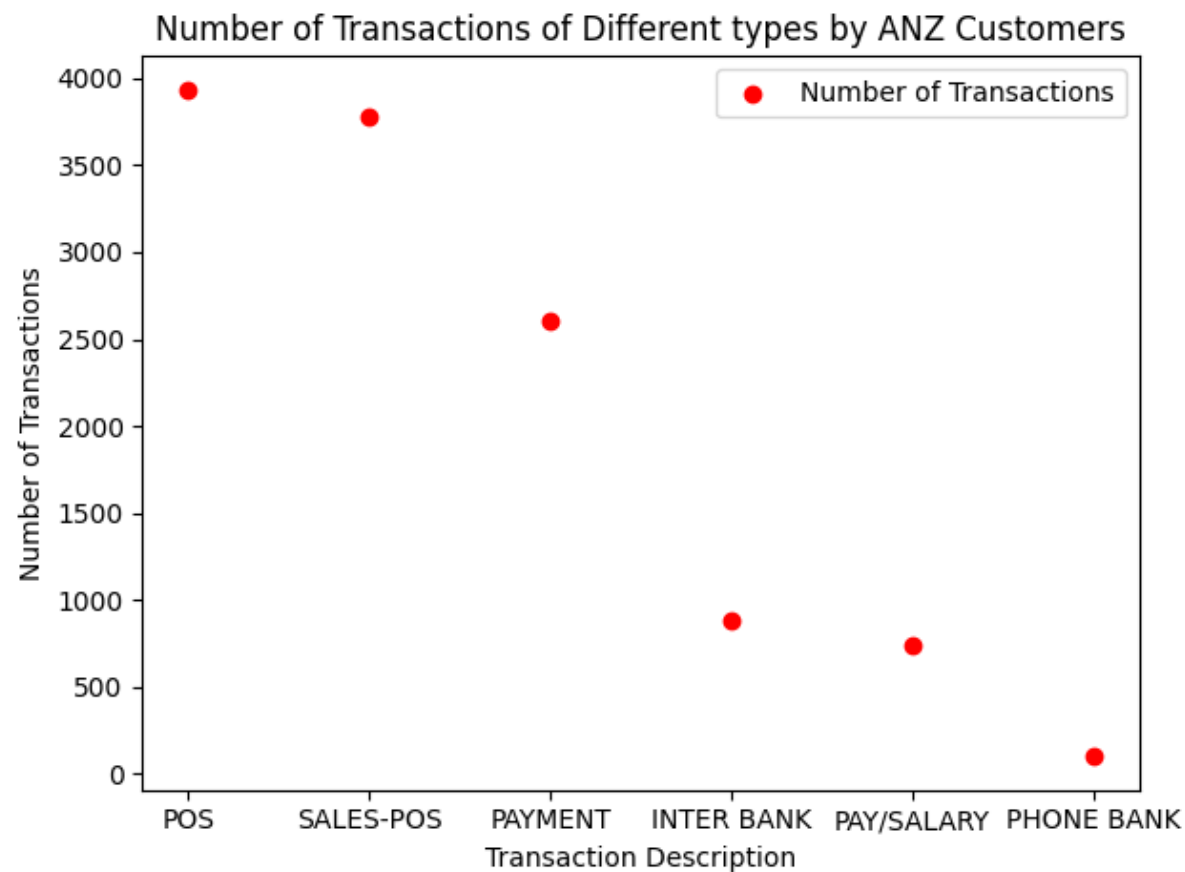
- This shows that there is a growth of approximately 3.7% in the number of transactions over the period of 3 months.



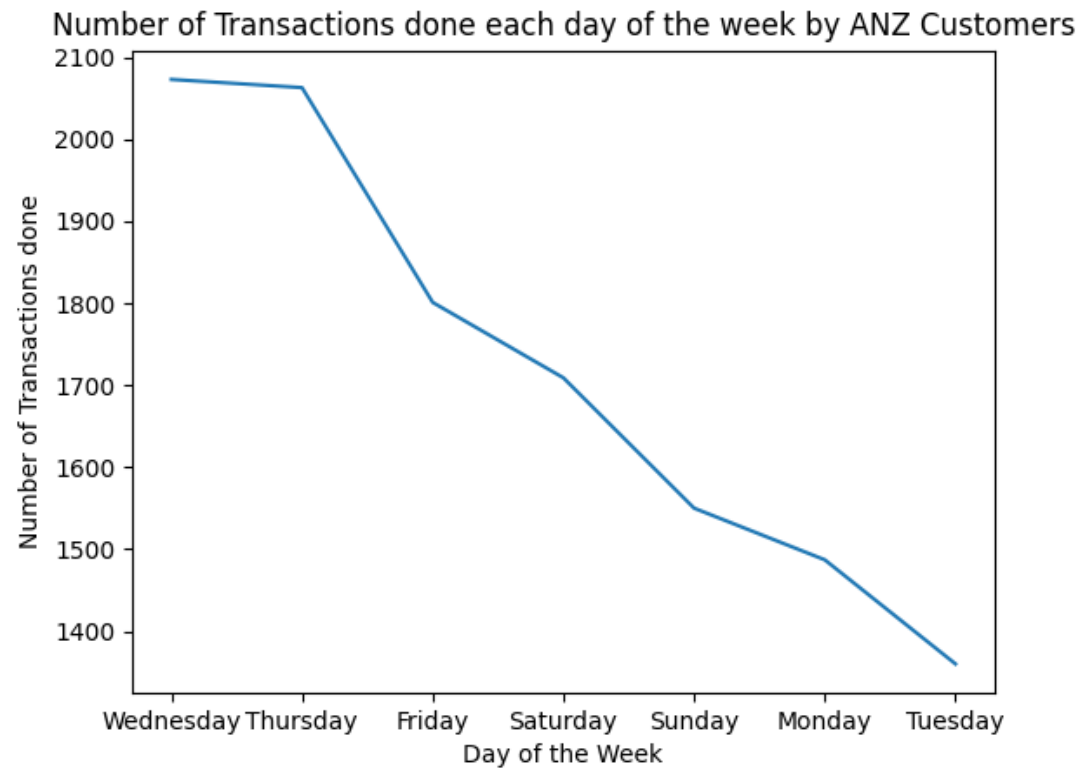
- This shows that age group of 20-25 did the most amount of transactions.



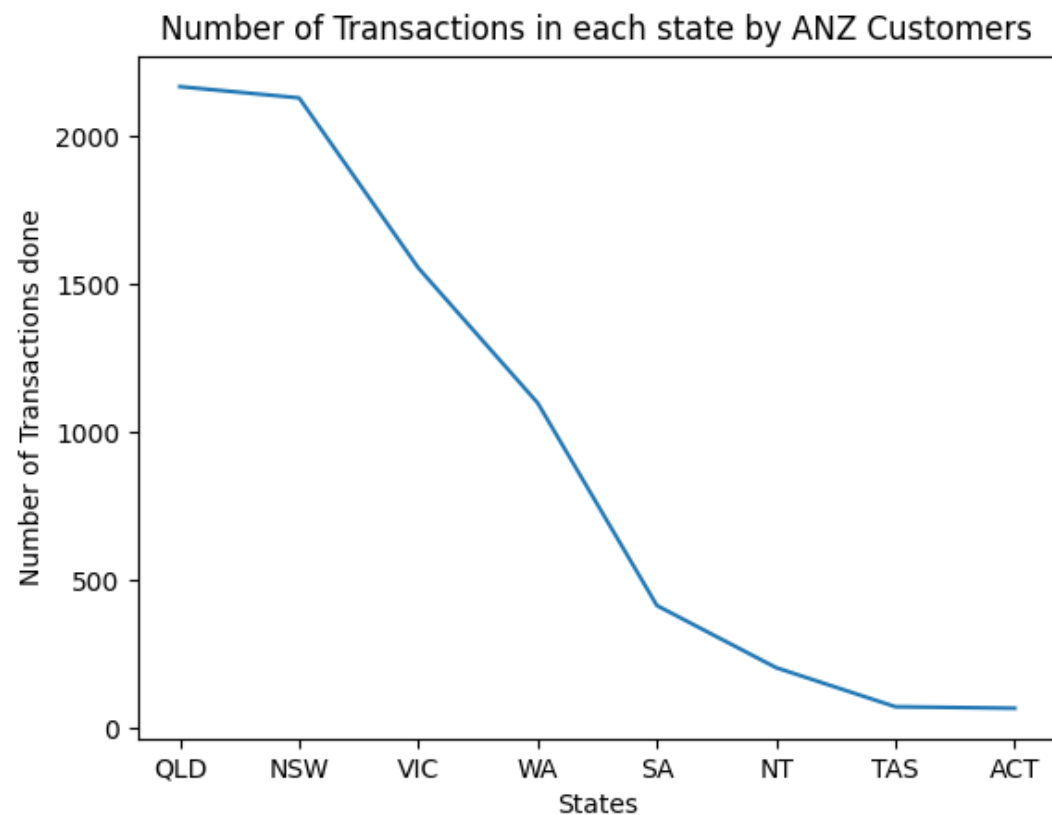
- This shows that there are more number of customers in the age group 20-30



- This shows that pos and sales-pos are the preferred type of transactions by the customer.

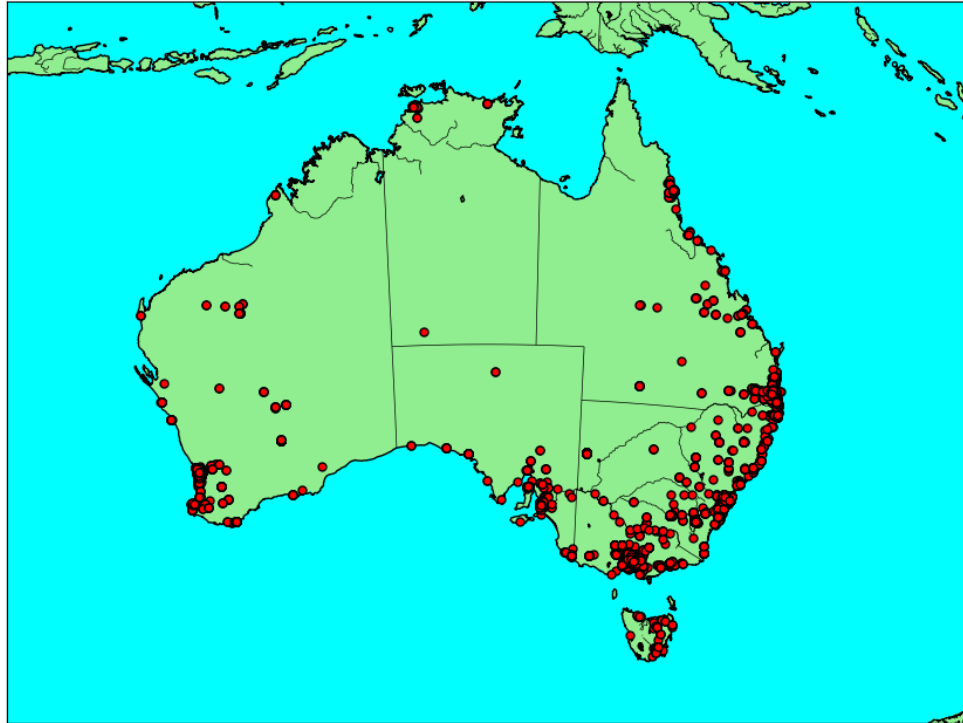


- This shows that overall more number of transactions are done on Wednesday.



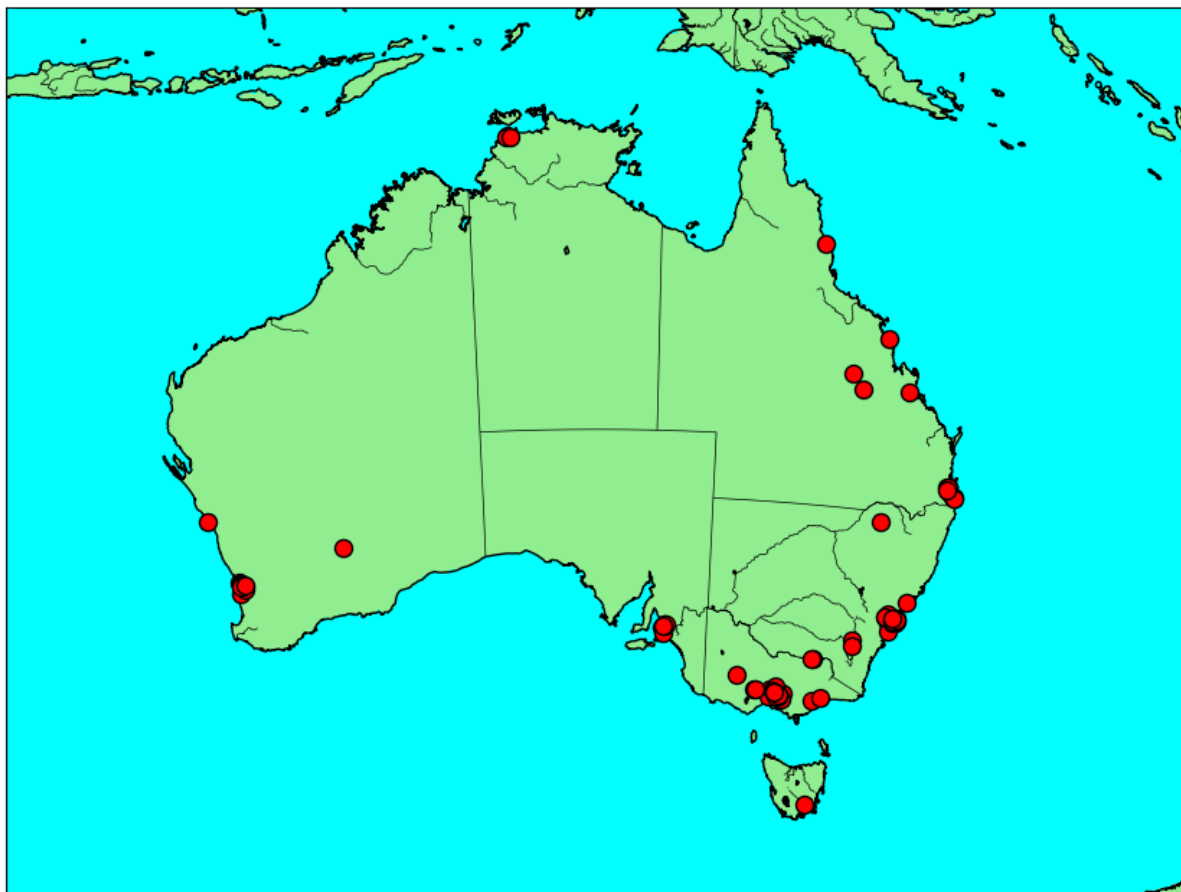
- This shows that customers did more number of transactions in Queensland and New South Wales.

POS and SALES-POS Transactions of ANZ Customers across Australia



- Based on the latitude and longitude coordinates, we can see that Queensland, Victoria and New South Wales did more number of pos and sales-pos type of transactions.

ANZ customers in Australia



- Based on the latitude and longitude coordinates we can see that more number of customers reside in Victoria and New South Wales.

Thank You!

<https://www.insidesherpa.com/>

For giving me this opportunity at ANZ's Data@ANZ virtual experience program

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