

COLLECTIONS DATA ANALYSIS REPORT

MICROSOFT POWER BI

Columns Added

Three columns were added to the excel spreadsheet

- Month Group:Shows exact month transaction was made.
- Transaction Size:Shows whether the transaction was small(0-385),medium(450-900) or large(1000-3400).
- Day Of Week:Shows the exact day of the week the transaction was made.

TransactionCode	Date	Transporter	CollectionType	Quantity	Rate	Amount	Status	Month Group	Transaction Size	Day Of Week
202501241405-03590041	1/24/2025 5:05:24 PM	Savannah Quin Mwende	field	10	10	100	Reversed	January Transactions	Small Transaction	Friday
202501241403-03580041	1/24/2025 5:03:51 PM	Savannah Quin Mwende	field	10	10	100	Reversed	January Transactions	Small Transaction	Friday
202501241246-03570041	1/24/2025 3:46:55 PM	Savannah Quin Mwende	field	10	80	800	Valid	January Transactions	Medium Transaction	Friday
202501240856-03560041	1/24/2025 11:56:25 AM	Savannah Quin Mwende	field	20	80	1600	Valid	January Transactions	Large Transaction	Friday
202501220751-03550014	1/22/2025 10:51:20 AM	Mary Kakane	field	69	36	2484	Valid	January Transactions	Large Transaction	Wednesday
202501201028-03520041	1/20/2025 12:8:08 PM	Savannah Quin Mwende	field	10	80	800	Valid	January Transactions	Medium Transaction	Monday
202501140821-03430014	1/14/2025 11:21:35 AM	Mary Kakane	field	16	80	1280	Valid	January Transactions	Large Transaction	Tuesday
202501031311-03410008	1/3/2025 4:11:44 PM	Horikiti Suzune	field	20	80	1600	Valid	January Transactions	Large Transaction	Friday
202501030953-03380008	1/3/2025 12:53:14 PM	Horikiti Suzune	field	2	35	70	Reversed	January Transactions	Small Transaction	Friday
202501030942-03370008	1/3/2025 12:42:37 PM	Horikiti Suzune	field	20	80	1600	Valid	January Transactions	Large Transaction	Friday
202412291109-03320014	12/29/2024 2:09:22 PM	Mary Kakane	field	50	35	1750	Valid	December Transactions	Large Transaction	Sunday
202412291109-03310014	12/29/2024 2:09:17 PM	Mary Kakane	field	15	35	525	Reversed	December Transactions	Medium Transaction	Sunday

General Information

69

Number Of Transactions

38,823

Total Amount Collected

5

Number Of Transporters

30.86

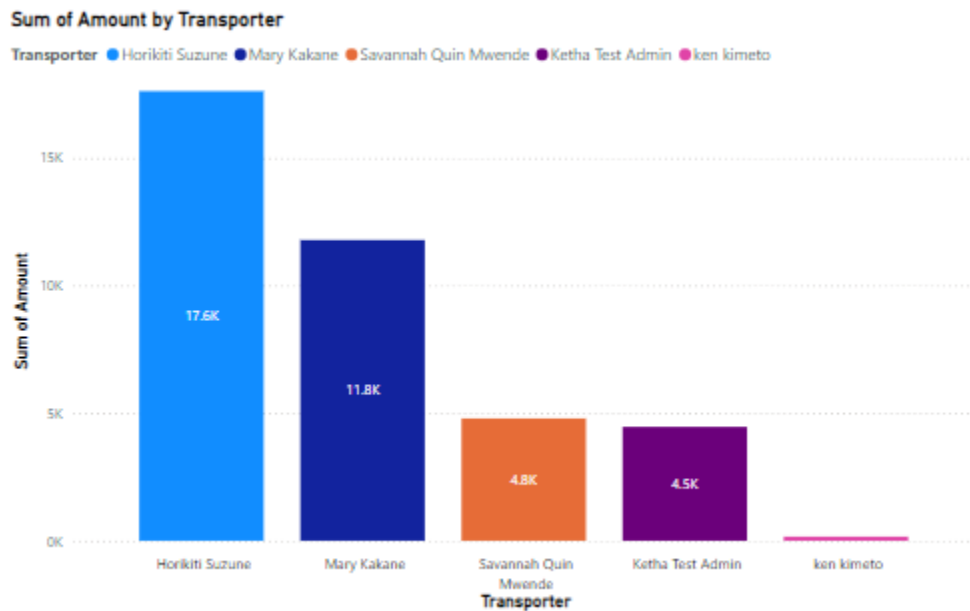
Average Rate

Analysis On Transporters

There are 5 transporters in the data:

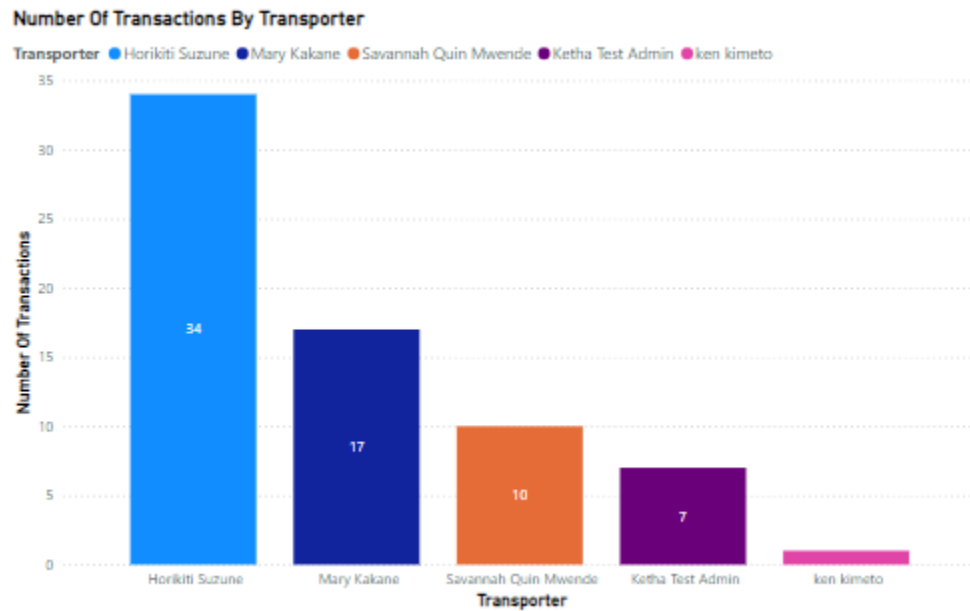
- Horikiti Suzune
- Mary Kakane
- Savannah Quin Mwende
- Ketha Test Admin
- Ken Kimeto

1. Sum Of Amount By Transporter



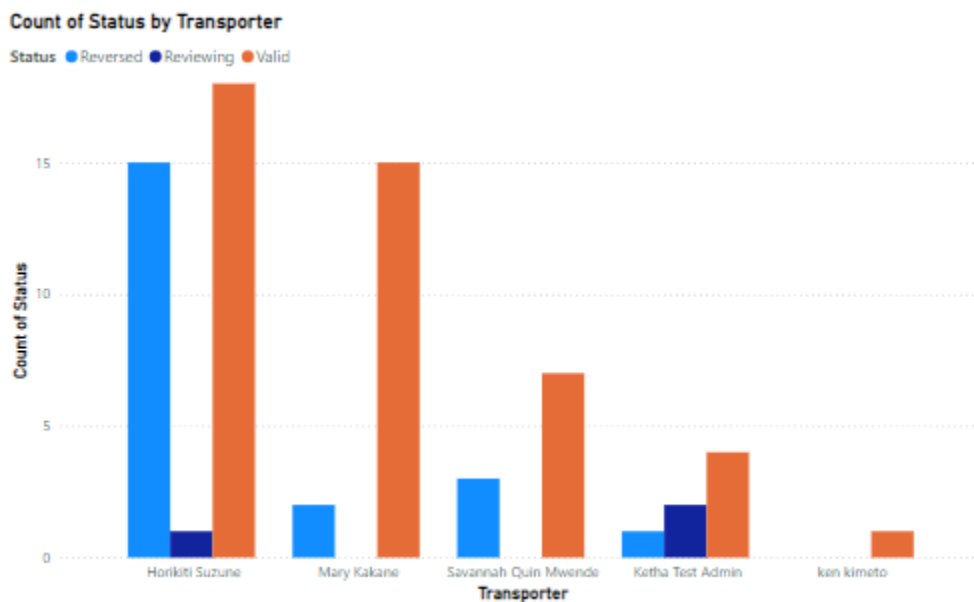
- Harikiti Suzune brings in the highest amount followed by Mary Kakane.
- Ken Kimeto brings in the least amount.

2. Number Of Transactions By Transporter



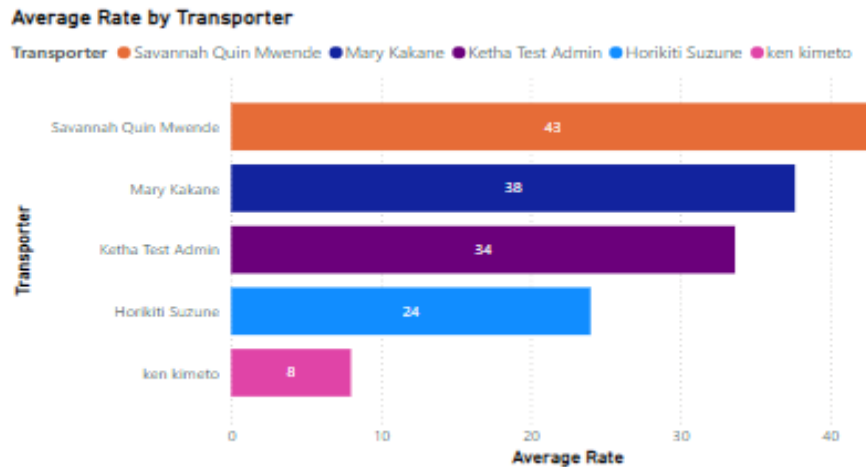
- Horikiti Suzune has the highest number of transactions with 17, followed by Mary Kakane with 10.
- Ken Kimeto has the lowest number of transactions, with just 1.

3. Count Of Status By Transporter



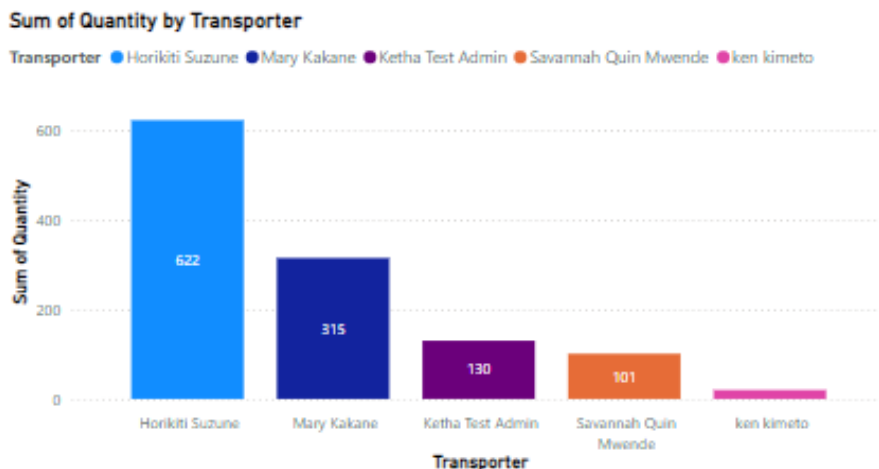
- All transporters have more valid transactions than reversed transactions.
- Mary Kakane has the best performing transactions with her reversed transactions being much fewer than her valid transactions.
- Only Horikiti Suzune and Ketha Test Admin have transactions of status “reviewing”.
- Ken Kimeto’s only transaction is valid.

4. Average Transaction Rate Per Transporter



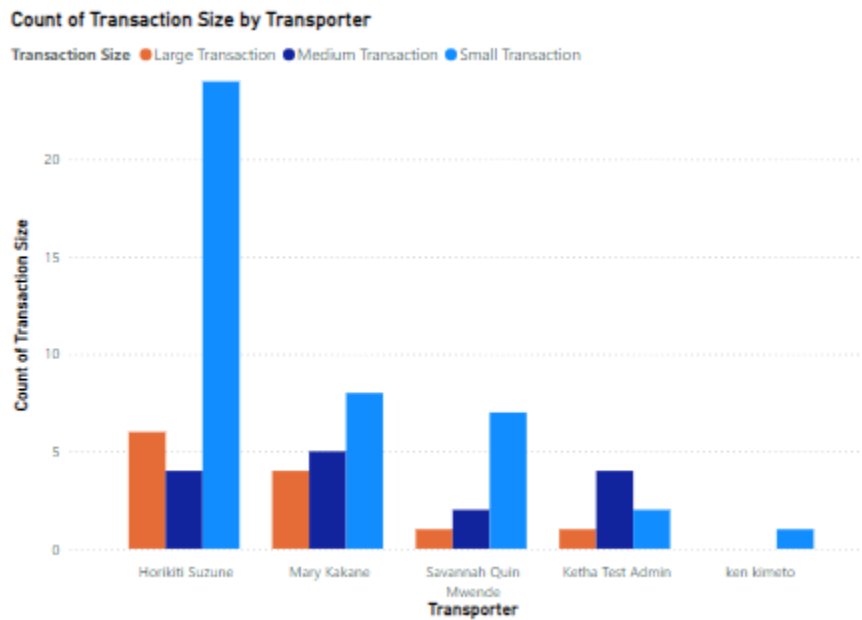
- Savannah Quin Mwende has the highest average rate per transaction with 43.
- Ken Kimeto’s only transaction rate is 8, which is the lowest.

5. Sum Of Quantity Per Transporter



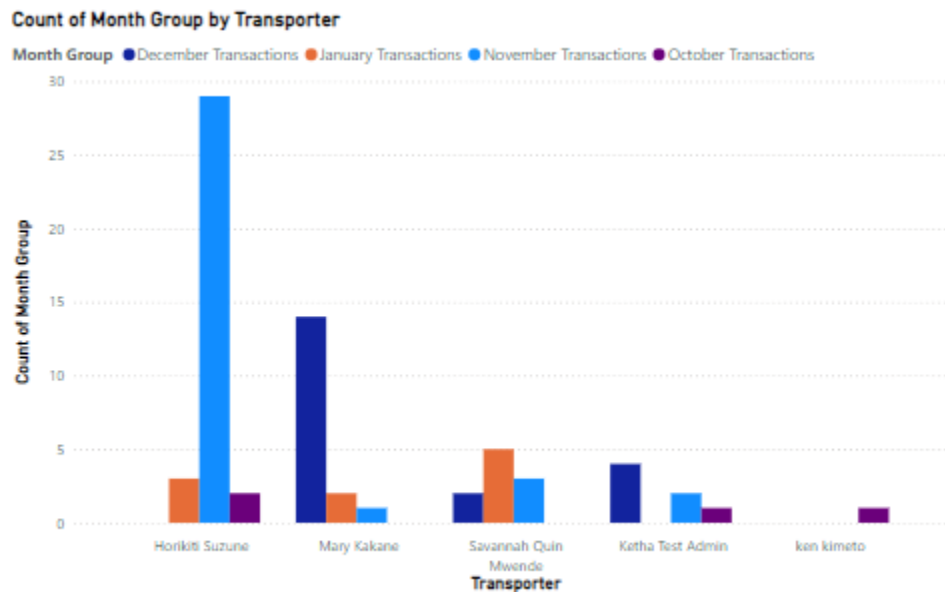
- Putting all transactions together, Horikiti Suzune has the highest quantity with 622 followed by mark Kakane with 315.

6. Count Of Transaction size per Transporter



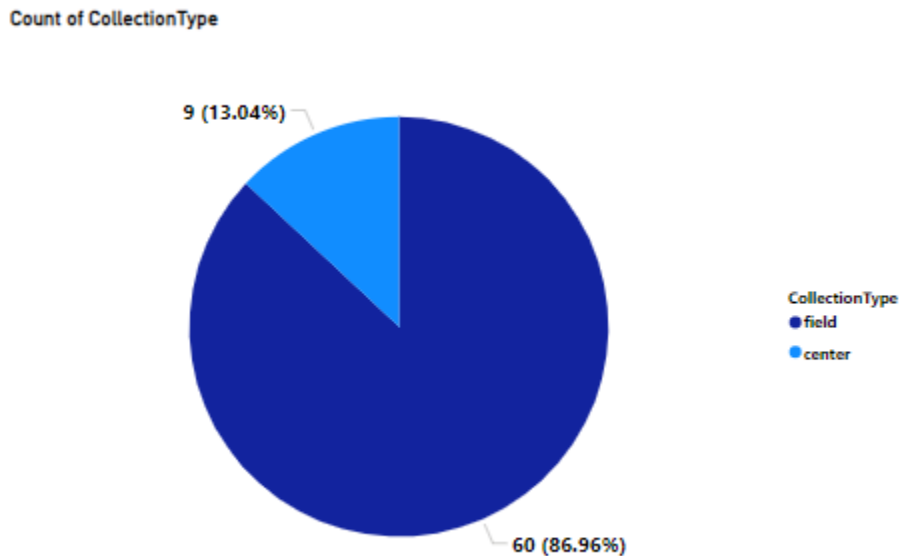
- Horikiti Suzune has a lot of small transactions compared to medium and large transactions.
- All transporters have more small transactions except Ketha Test Admin.
- Mary kakane has the best balance of transactions.

7. Count Of Month Group By Transporter



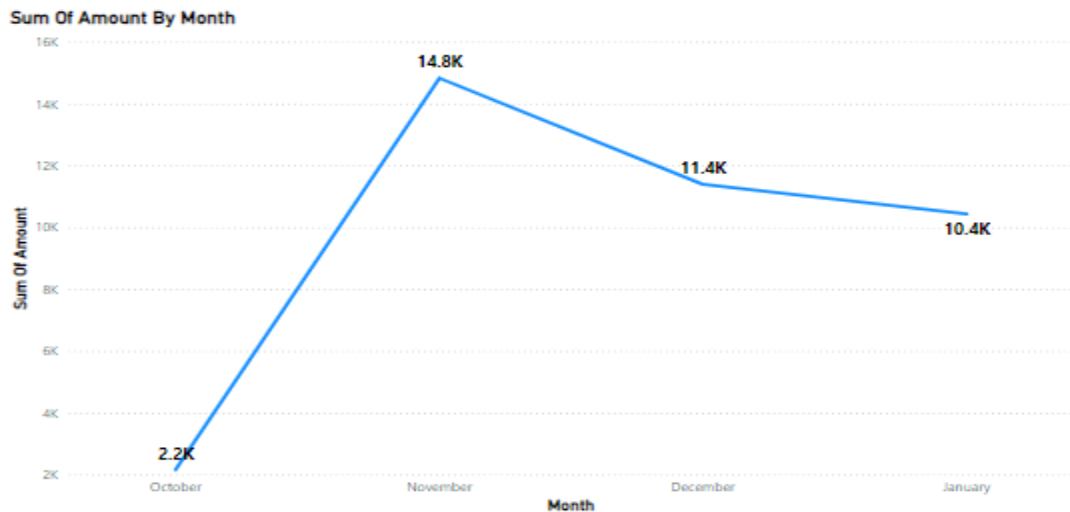
- Ketha Test Admin and Ken Kimeto have no transactions in January.
- Mary Kakane and Savannah Quin Mwende have no transactions in October.
- Horikiti Suzune has no transactions in December, with most of his transactions occurring in November.
- Most of Mary Kakane's transactions are in December.

Analysis Of Collection Type



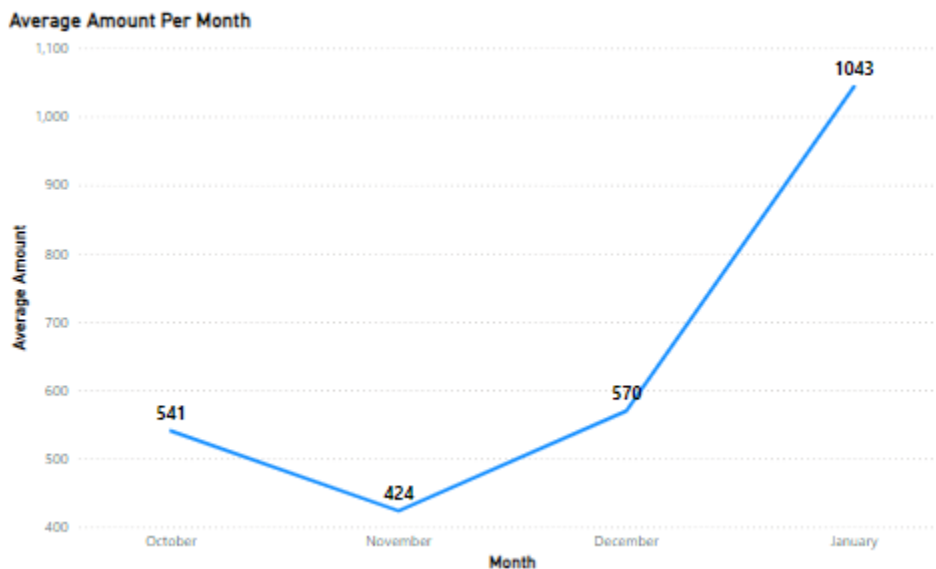
Analysis Of Amount

1. Sum Of Amount By Month



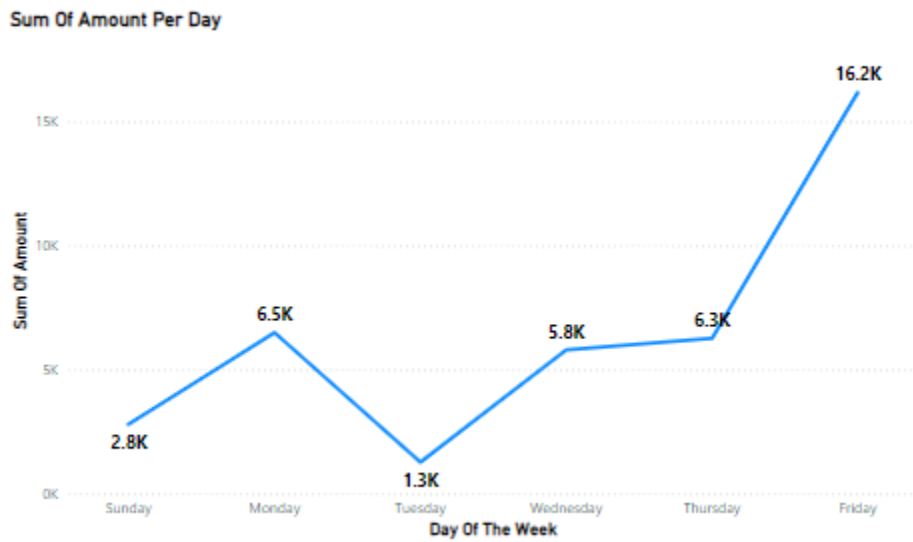
- The lowest amount is made in October, before the highest amount in November, then the amount made goes down subsequently in December then January.

2. Average Amount Per Transaction By Month



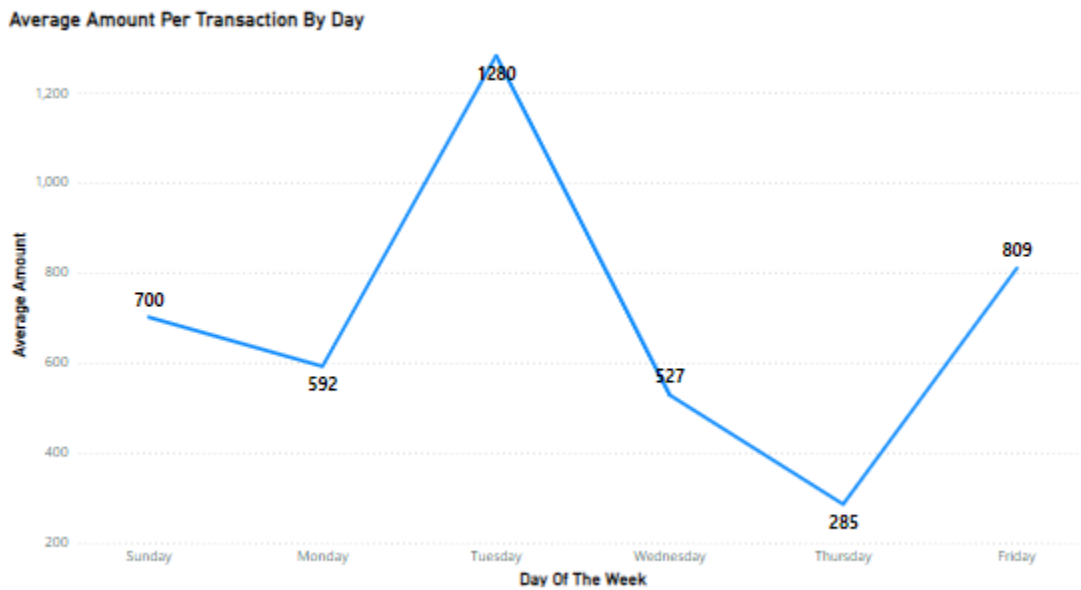
- The average amount per transaction goes down from October(541) to its lowest in November(424), then rises in December(570) before reaching its highest in January(1043), indicating a big number of large transactions in January.

3. Sum Of Amount By Day Of Week



- Friday collects the highest amount at the end of the week while Sunday and Tuesday collect the lowest amounts.

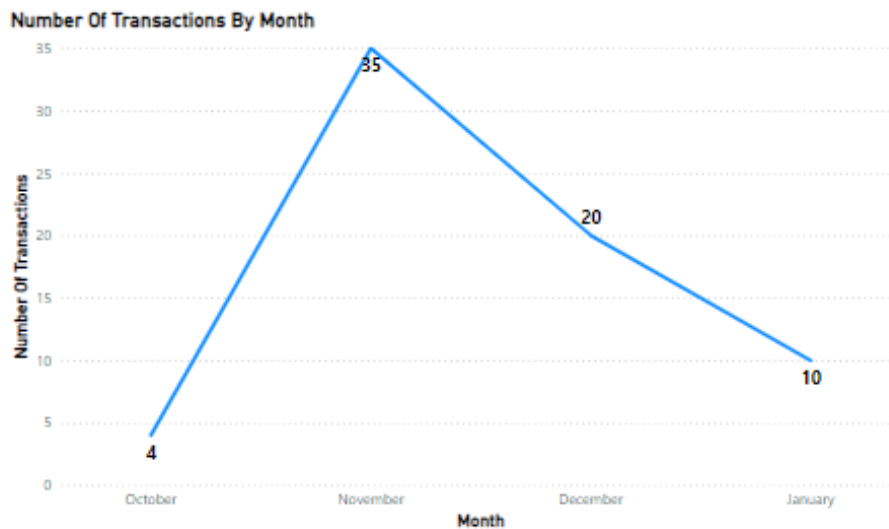
4. Average Amount Per Transaction By Day



- Tuesday's 1 large transaction makes it the highest day on average.
- Most small transactions happen on Fridays.

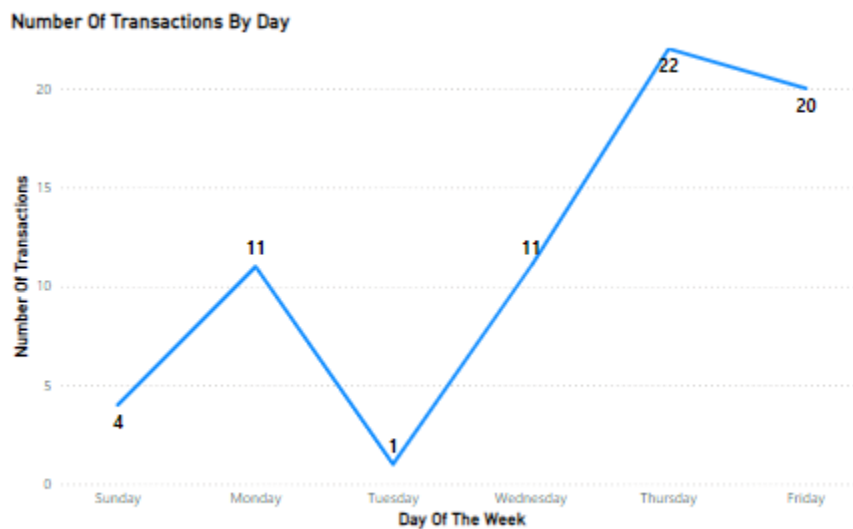
Analysis Of Number Of Transactions

1. Number Of Transactions By Month



- There were only 4 transactions in October which was the lowest number while November had the highest number of transactions with 35.

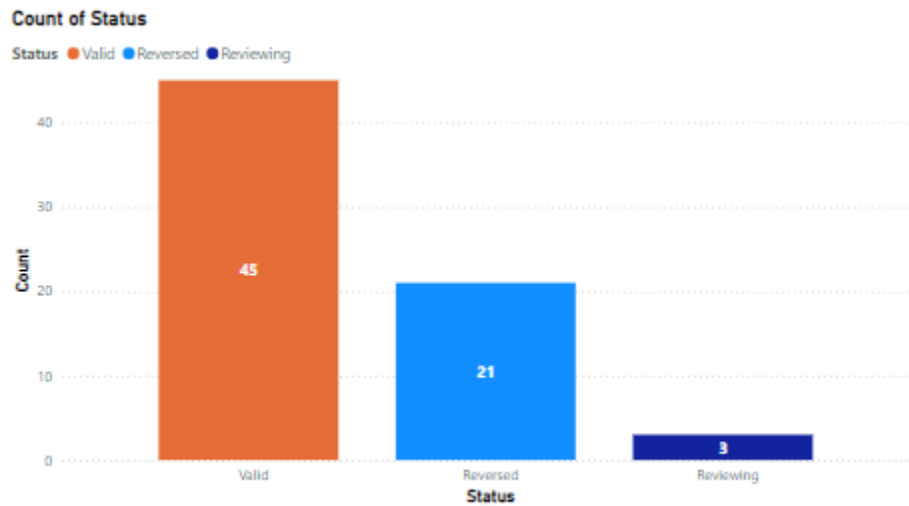
2. Number Of Transactions By Day



- Most transactions take place on Thursdays and Fridays at the end of the week.
- Sunday and Tuesdays have little amounts of transactions.

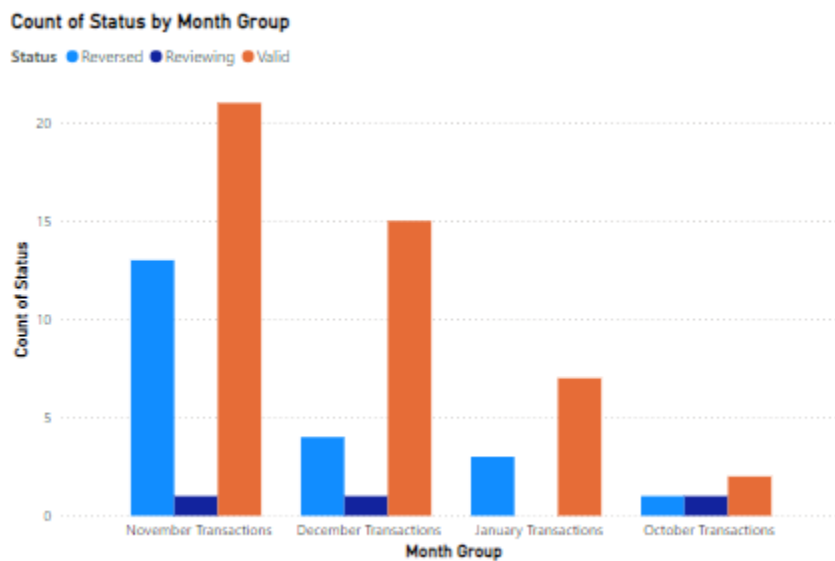
Analysis Of Status

1. Count Of Status



- Most transactions have a valid status(45).
- A third of all transactions end up being reversed.

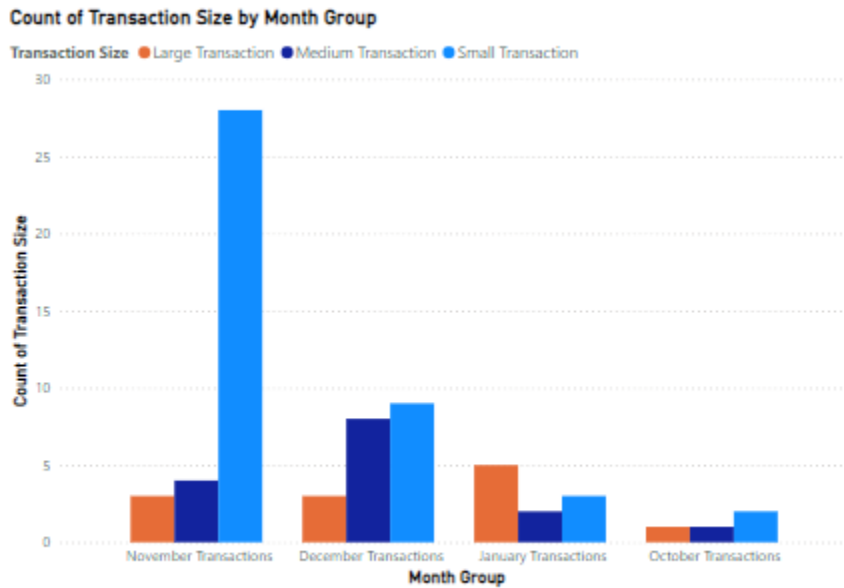
2. Count Of Status By Month



- All months have similar patterns of the status of the transactions.

Analysis Of Transaction Size

1. Count Of Transaction Size By Month



- All months except November are balanced in terms of transaction size. There are a lot more small transactions in November.