# Credit Card Dashboard

Newton School

**Total Amount**

# 102bn

**Transaction Count**

# 1M

**Advanced Analytics**

**Summary**

**type**

All ▾

| 1 | 34 |

**nameDest**

All ▾

## Top 10 Merchants

| nameDest | Sum of amount |
|---|---|
| M1964436639 | 92.60K |
| M1098072792 | 92.06K |
| M1115616079 | 91.38K |
| M1367797661 | 88.96K |
| M193121326 | 88.70K |
| M371893332 | 87.44K |
| M400618280 | 87.29K |
| **Total** | **901.19K** |

## OldbalanceOrg Vs Transaction Amount



## Sum of isFraud by type

186 (48.56%)

197 (51.44%)

**type**
- CASH_OUT
- TRANSFER

## Amount by Trend



285.4M  43.3M  45.5M  7124.2M  7183.7M  7255.1M  2239.8M  392.2M  53.8M  10.5M  1.0M  9.4M  5510.1M
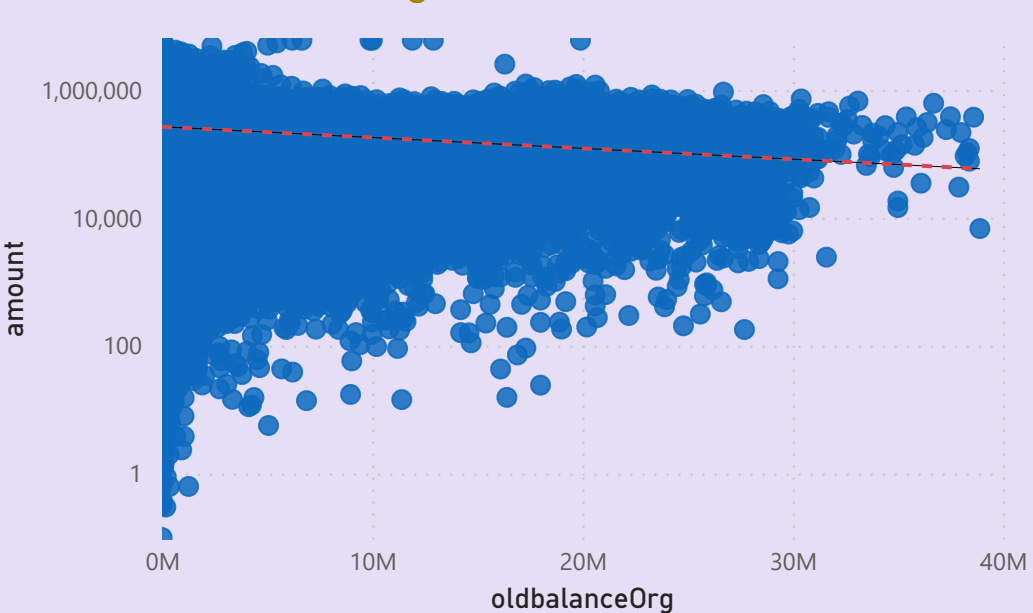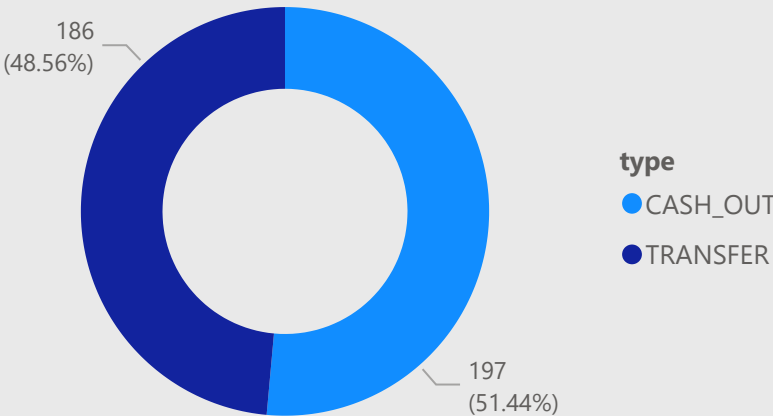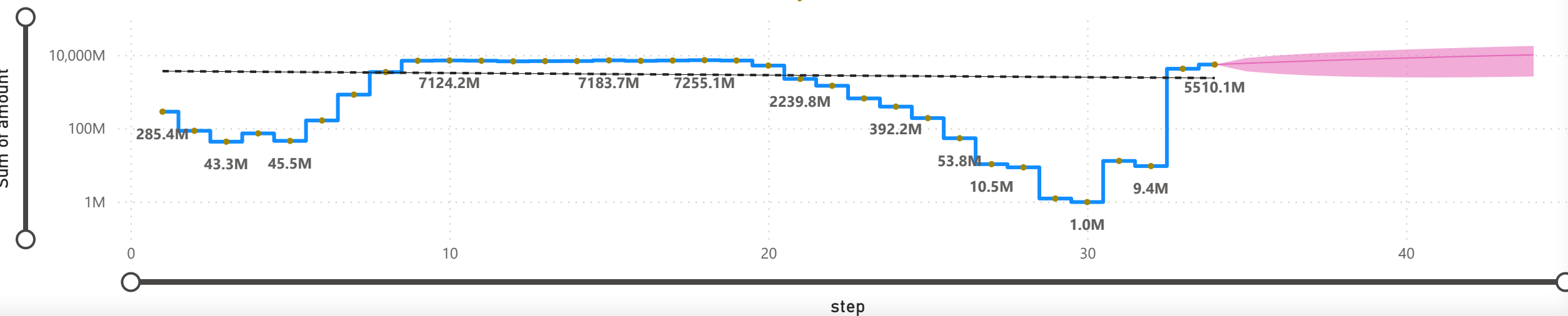
# DAX ANALYSIS

**0.88M**
AVG FRAUD

**0.16M**
AVG NON FRAUD

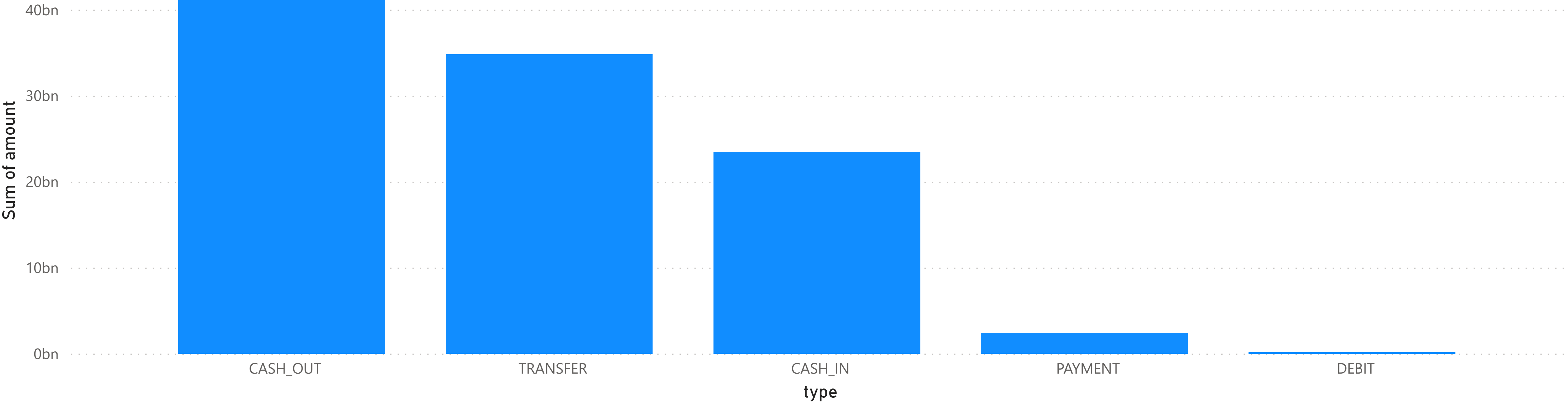**0.06%**
%_of_Fraud_transaction

**10M**
Highest_transaction

**4M**
Significant_difference

## Distribution of Transaction Amount

# SUMMARIZATION

**Scatter Plot between OldBalanceOrg and Amount** - This scatter plot gives the relationship between the initial balance amount before the transaction (OldBalanceAmount) and the transaction amount. This chart is also used to find outliers.

**Line Chart between Total Amount by Trend**- This chart gives the trend of the total transaction amount with steps. In this dataset, one step is equal to one hour. This chart suggests that the 18th step records the highest total transaction amount, i.e., 7.25 billion.

**Top 10 Merchants with Highest Number of Transactions using Table Visualization** - This table gives a list of the top 10 merchants. The highest amount of transactions recorded by a single merchant Amount is 92.60K.

**Donut Chart Visualization to Sum of isFrauds by Type**- This Chart suggests that type Cash out(51.44%) and Transfer(48.56%) type are only committed frauds.