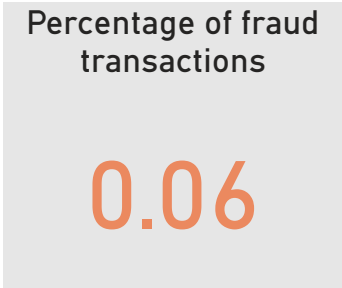
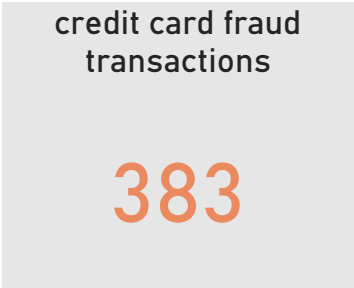
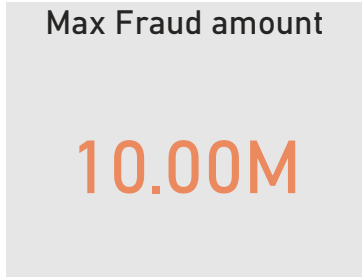
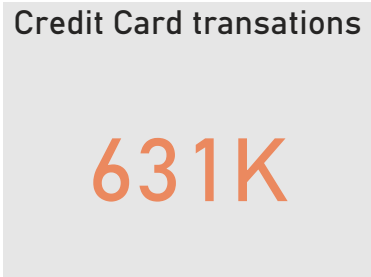
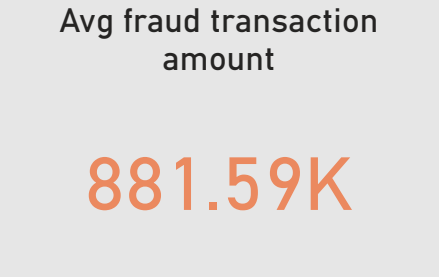
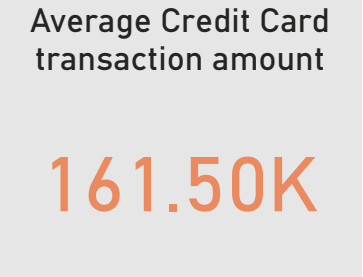


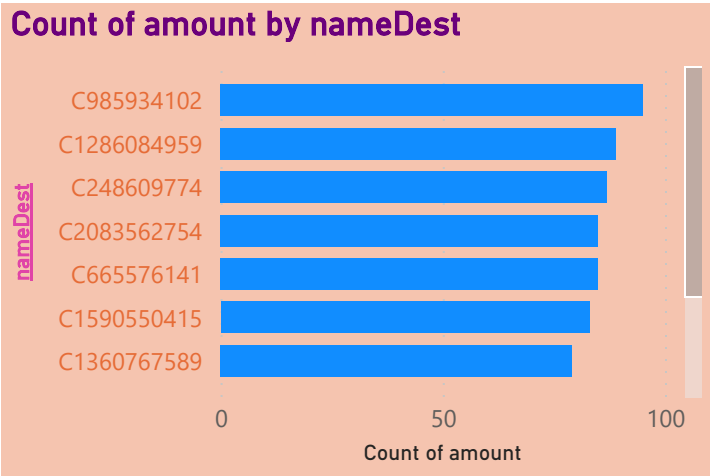
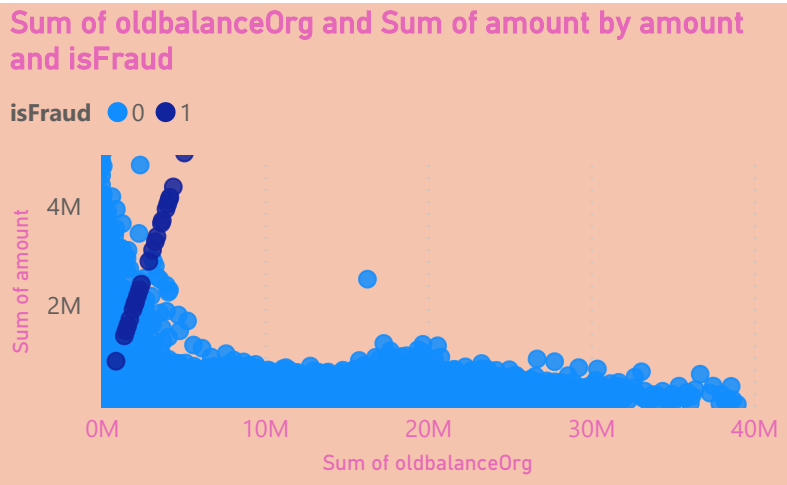
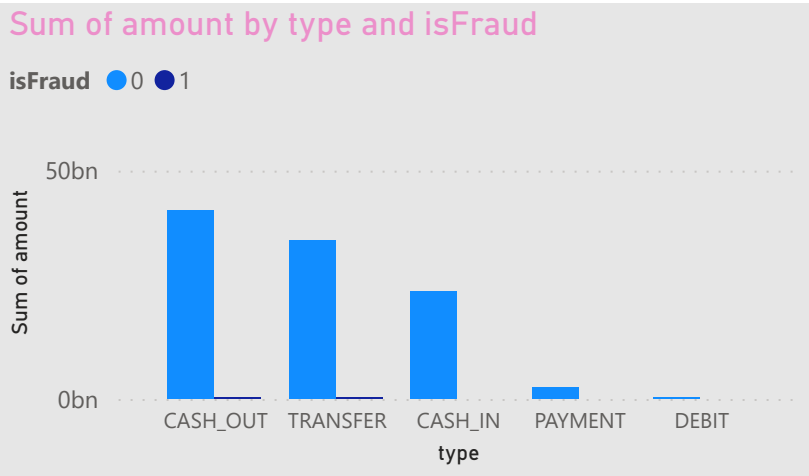
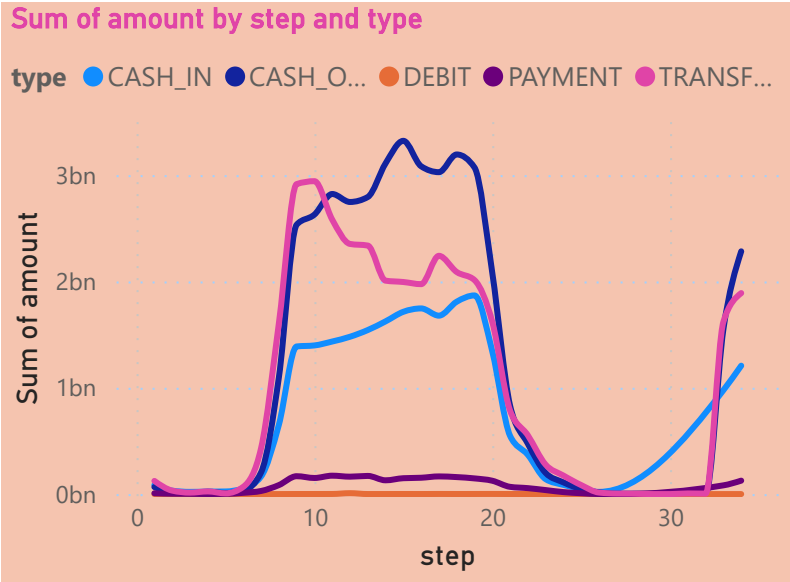


Credit Card Anomaly visualization

nameDest				
C1000015936	C1000038153	C1000124976	C1000157415	C10002438
C1000030947	C1000104864	C1000156006	C1000219612	C1000314808



nameDest	Count of amount
C410033330	2
C200064275	2
C185805228	2
Total	6



*Report and documentation

* Dax functions

- . As per the data set of credit card transaction of fraud we came across the average transaction amount is 161.50 k for ordinary transactions and for fraudulent transactions its 881.59k by this we can conclude the density of fraudulent transactions was much higher.
- . Maximum amount of fraud transaction up to the data given is 10.00M amount and the difference of maximum amounts of both normal and fraud 3.58M, so that maximum amount is more for the fraud transaction.
- . Coming to the number of transactions for fraud and normal transactions are 383 and 631k, there we come that even though the transactions are less amount is much higher.
- . Visualization report:
 - . In visualization those 10 merchants have been calculated for the most number of amounts by bar charts.
 - . in scatter plot chart the relation bet sum of oldbalanceorg and amount and legend is given for is fraud most of amount lie between 0M and 50M of sum of oldbalanceorg.
 - . in line chart amount trend has been calculated for different types like CASH IN, CASHOUT, DEBIT, PAYMENTIN in this trendline we can clearly observe that CASH OUT transactions are high in 10 and 20 and the lowest is payment DEBIT transactions stood between cash out and cash in.
- . high occurrence of fraud Merchants are C185805228, C20064275, C10033330 WITH EACH 2 count of amount.