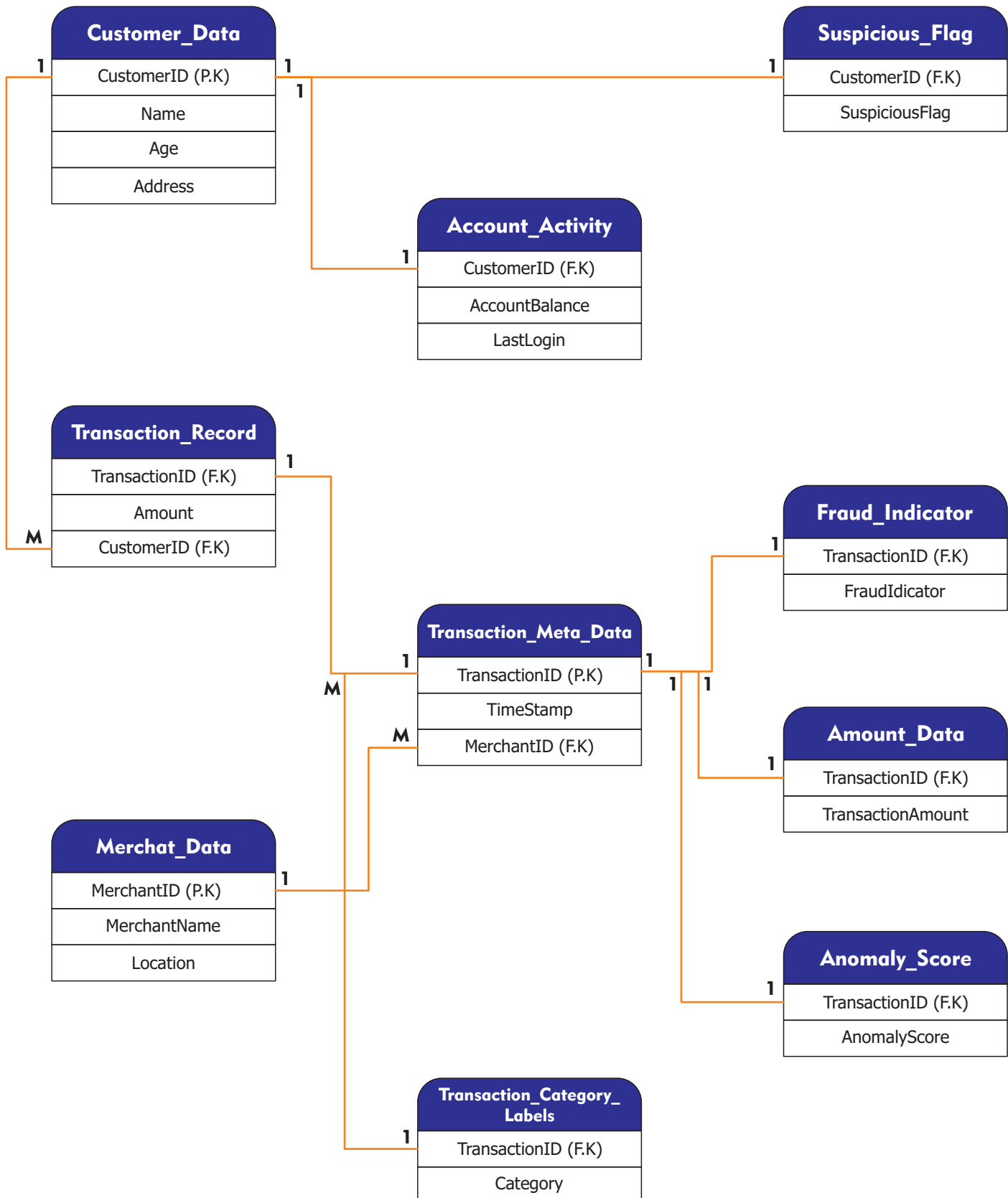


ERD Diagram of Financial Fraud Detection Dataset



Relationships Between Entities

Customer_Data and Account_Activity (1:1):

Each customer's account activity is associated with a single customer. Each customer has one account activity.

Customer_Data and Suspicious_Flag (1:1):

Each customer's suspicious flag is associated with a single customer. Each customer has one suspicious flag.

Transaction_Meta_Data and Fraud_indicator (1:1):

Each fraud indicator is associated with a single transaction. Each transaction has one fraud indicator.

Transaction_Meta_Data and Transaction_Record (1:1):

Each transaction record is associated with a single transaction. Each transaction has one transaction record.

Transaction_Meta_Data and Amount_Data (1:1):

Each transaction record is associated with a single transaction. Each transaction has one transaction amount data.

Transaction_Meta_Data and Anomaly_Score (1:1):

Each transaction record is associated with a single transaction. Each transaction has one transaction anomaly score.

Transaction_Meta_Data and Transaction_Category_Labels (1:M):

Each transaction category label can be associated with multiple transaction metadata entries, but each transaction metadata entry belongs to only one category.

Merchant_Data and Transaction_Meta_Data (1:M):

Each merchant can be associated with multiple transaction metadata entries, but each transaction metadata entry is related to only one merchant.

Customer_Data and Transaction_Record (1:M):

Each customer can have multiple transaction records, but each transaction record is belong to only one Customer.