



Credit Card Customer Data Definition

- •CLIENTNUM: Client number. Unique identifier for the customer holding the account
- •Attrition_Flag: Internal event (customer activity) variable if the account is closed then 1 else 0
- •Customer_Age : Demographic variable Customer's Age in Years
- •Gender : Demographic variable M=Male, F=Female
- •Dependent_count : Demographic variable Number of dependents
- •Education_Level: Demographic variable Educational Qualification of the account holder (example: high school, college graduate, etc.)
- •Marital_Status: Demographic variable Married, Single, Divorced, Unknown
- •Income_Category: Demographic variable Annual Income Category of the account holder (< 40K,40K,40K 60K, 60K-60K-80K, 80K-80K-120K, >
- •Card_Category : Product Variable Type of Card (Blue, Silver, Gold, Platinum)
- •Months on book: Period of relationship with bank
- •Total_Relationship_Count: Total no. of products held by the customer
- •Months_Inactive_12_mon: No. of months inactive in the last 12 months
- •Contacts Count 12 mon: No. of Contacts in the last 12 months
- Credit Limit: Credit Limit on the Credit Card
- •Total_Revolving_Bal: Total Revolving Balance on the Credit Card
- •Avg_Open_To_Buy : Open to Buy Credit Line (Average of last 12 months)
- •Total_Amt_Chng_Q4_Q1 : Change in Transaction Amount (Q4 over Q1)
- •Total Trans Amt: Total Transaction Amount (Last 12 months)
- •Total_Trans_Ct : Total Transaction Count (Last 12 months)
- •Total_Ct_Chng_Q4_Q1 : Change in Transaction Count (Q4 over Q1)
- Avg_Utilization_Ratio : Average Card Utilization Ratio
- •Naive_Bayes_Classifier_Attrition_Flag_Card_Category_Contacts_Count_12_mon_Dependent_count_Education_Level_Months_Inactive_12_mon_1:
- •Naive_Bayes_Classifier_Attrition_Flag_Card_Category_Contacts_Count_12_mon_Dependent_count_Education_Level_Months

Any data cleaning process?

- The data are clean as is
- There is no empty values
- All number values are either integer or float data type
- All other values are string data type
- No cleaning process was done