Credit Card Transactions Tables Schema:

credit_card_data_da.parquet
This table contains records for all user's information.
6'877,837 rows & 64 columns. Size: 217 MB

Data Element	Type	Description
User	int64	User identifier: The unique user code
Card	int64	Card identifier: Each user has a set of cards, and this column indicates the position of each of these cards in the database. For example, Mastercard XXXX, position 0 (the first saved card).
Year	int64	Year of the transaction
Month	int64	Month of the transaction
Day	int64	Day of the transaction
Time	object	Time of the transaction
Amount	float64	Transaction amount
Use Chip	float64	Indicates whether a chip was used for the transaction or any transaction type
Merchant Name	float64	Name of the merchant
Merchant City	float64	City where the merchant is located
Merchant State	float64	State where the merchant is located
Zip	int64	ZIP code of the merchant
MCC	int64	Merchant Category Code
Errors?	object	Indicates if there were errors during the transaction
Is Fraud?	object	Indicates if the transaction is considered fraudulent
hour	int64	Hour of the transaction
minute	int64	Minute of the transaction
date	object	Date of the transaction (e.g., "24/03/2016")
datetime	object	Date and time of the transaction (e.g., "24/03/2016 18:04")
time_of_day	object	Indicates whether the transaction occurred during the day or off hours
target	object	Information related to the target of the transaction
charge_off	object	Indicates if the transaction resulted in a charge-off
merchant_city_rome	object	Merchant city code related to Rome
Person	object	Information about the person involved in the transaction
Current Age	int64	Age of the person
Retirement Age	int64	Retirement age of the person
Birth Year	int64	Year of birth of the person
Birth Month	int64	Month of birth of the person

Data Element	Type	Description
Gender	object	Gender of the person
Address	object	Address of the person
Apartment	object	Apartment information (if applicable)
City	object	City of the person's address
State	object	State of the person's address
Zipcode	int64	ZIP code of the person's address
Latitude	float64	Latitude coordinates of the person's address
Longitude	float64	Longitude coordinates of the person's address
Per Capita Income - Zipcode	int64	Per capita income in the ZIP code
Yearly Income - Person	float64	Yearly income of the person
Total Debt	float64	Total debt associated with the person
FICO Score	int64	FICO credit score of the person
Num Credit Cards	int64	Number of credit cards held by the person
personal_to_zipcode_income_diff	float64	Difference between personal income and ZIP code income
total_debt_personal_income_ratio	float64	Ratio of total debt to personal income
total_debt_cards_ratio	float64	Ratio of total debt to the number of credit cards
CARD INDEX	int64	Card index or identifier
Card Brand	object	Brand of the card
Card Type	object	Type of the card
Card Number	object	Card number (masked for privacy)
Expires	object	Expiration date of the card (e.g., "09/2023")
CVV	int64	CVV code of the card (Security code)
Has Chip	object	Indicates if the card has a chip (e.g., "YES")
Cards Issued	object	Number of cards issued
Credit Limit	int64	Credit limit associated with the card
Acct Open Date	int64	Account opening date
Year PIN last Changed	int64	Year when the PIN was last changed
Card on Dark Web	int64	Indicates if the card information is found on the dark web
level_2	int64	Additional information related to the transaction
rolling_charge_off	int64	Rolling charge-off information
rolling_fraud_count	int64	Rolling count of fraudulent transactions
rolling_tran_count	int64	Rolling count of transactions
rolling_tran_volume	float64	Rolling transaction volume
transaction_count	int64	Count of transactions
years_since_pin_change	int64	Years since the PIN was last changed
__index_level_0__	int64	An index column in the dataset

Citation for data:

Credit Card Transactions dataset
https://www.kaggle.com/datasets/ealtman2019/credit-card-transactions

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