train.csv

Columns	Description
card_id	Unique card identifier
first_active_month	'YYYY-MM', month of first purchase
feature_1	Anonymized card categorical feature
feature_2	Anonymized card categorical feature
feature_3	Anonymized card categorical feature
target	Loyalty numerical score calculated 2 months after historical and evaluation period

historical_transactions.csv

Columns	Description
card_id	Card identifier
month_lag	month lag to reference date
purchase_date	Purchase date
authorized_flag	Y' if approved, 'N' if denied
category_3	anonymized category
installments	number of installments of purchase
category_1	anonymized category
merchant_category_id	Merchant category identifier (anonymized)
subsector_id	Merchant category group identifier (anonymized)
merchant_id	Merchant identifier (anonymized)
purchase_amount	Normalized purchase amount
city_id	City identifier (anonymized)
state_id	State identifier (anonymized)
category_2	anonymized category

new_merchant_period.csv

Columns	Description
card_id	Card identifier
month_lag	month lag to reference date
purchase_date	Purchase date
authorized_flag	Y' if approved, 'N' if denied
category_3	anonymized category
installments	number of installments of purchase

category_1	anonymized category
merchant_category_id	Merchant category identifier (anonymized)
subsector_id	Merchant category group identifier (anonymized)
merchant_id	Merchant identifier (anonymized)
purchase_amount	Normalized purchase amount
city_id	City identifier (anonymized)
state_id	State identifier (anonymized)
category_2	anonymized category

merchants.csv

Columns	Description
merchant_id	Unique merchant identifier
merchant_group_id	Merchant group (anonymized)
merchant_category_id	Unique identifier for merchant category (anonymized)
subsector_id	Merchant category group (anonymized)
numerical_1	anonymized measure
numerical_2	anonymized measure
category_1	anonymized category
most_recent_sales_range	Range of revenue (monetary units) in last active month --> A > B > C > D > E
most_recent_purchases	Range of quantity of transactions in last active month --> A > B > C > D > E
avg_sales_lag3	Monthly average of revenue in last 3 months divided by revenue in last active month
avg_purchases_lag3	Monthly average of transactions in last 3 months divided by transactions in last active month
active_months_lag3	Quantity of active months within last 3 months
avg_sales_lag6	Monthly average of revenue in last 6 months divided by revenue in last active month
avg_purchases_lag6	Monthly average of transactions in last 6 months divided by transactions in last active month
active_months_lag6	Quantity of active months within last 6 months
avg_sales_lag12	Monthly average of revenue in last 12 months divided by revenue in last active month
avg_purchases_lag12	Monthly average of transactions in last 12 months divided by transactions in last active month
active_months_lag12	Quantity of active months within last 12 months
category_4	anonymized category
city_id	City identifier (anonymized)
state_id	State identifier (anonymized)
category_2	anonymized category