

The Future of Financial Crime Discovery

Specification

customer table schema definition

cif	unique customer identifier [900000000 - 910000000]
category	client type [0 – Individual, 1 – Company, 2 – Other Institution]
turnover	customer's total transactions value over 1 year (USD)
transaction_count	customer's transactions volume over 1 year
io_ratio	<p>inflow to outflow ratio based on transactions value</p> <ul style="list-style-type: none">• io_ratio < 0.5 for inflow greater than outflow,• io_ratio > 0.5 for inflow less than outflow,• io_ratio == 0.5 for inflow equal to outflow,• maximum io_ratio == 1.0 <p>atm_deposit and atm_withdrawal activities are not included</p>
age	age of Individual customer; not relevant for other categories
nationality	country code representing specific country; in case of non-individual customers it represents country of incorporation
is_pep	flag marking customers classified as publicly exposed person
inactive_days_average	average number of days without any customer's activity registered on any of accounts
inactive_days_max	maximum number of days without any customer's activity registered on any of accounts
n_of_accounts	number of accounts which belong to this customer
distinct_counterparties	number of distinct counterparties that customer was dealing with (both inflows / outflows)
channel_risk	calculated risk of customer's behavior from transactions channel perspective; transaction channel defines how transaction was initiated - various types of channels are expected: ATM, BRANCH-TELLER, DEBIT TERMINAL (POS),

	ON-LINE BANKING, MOBILE, TELEPHONE, MAIL, RELATIONSHIP MANAGER, OTHER NOT DEFINED
atm_withdrawal	total amount (USD) of cash withdrawals processed through ATM transaction channel
atm_deposit	total amount (USD) of cash deposits processed through ATM transaction channel

small dataset

<http://bit.ly/36jCXYi>

large dataset

<http://bit.ly/33kJboM>

list of countries

<http://bit.ly/36nQ5f4>

GraphQL endpoint

<http://hacknlead.westeurope.azurecontainer.io/v1/graphql>

manual document

<http://bit.ly/338nnNp>