



Categorisation Engine

Product Sheet - Technical & Commercial Details

DirectD

Introduction



Accurate & Automated, Transaction Enrichment.

Our engine allows for the processing of data direct from an individual's current account, or the passing of custom data sets. We then use cloud-based Machine Learning and Big Data Analytics algorithms to obtain deeper insights from transaction data, providing you with accurate and automated transaction enrichment.

Categorisation features & accuracy.

Use our product suite, or run your own data through our engine, to obtain the full benefits of our transaction categorisation and classification.



70+ Transaction categories

Data on all transactions sorted into 70+ specific categories allowing for in-depth data investigation.

10+ Category assessment buckets

Data on all transactions classed into 10+ category buckets, for easy use in decisioning and quick views of cash-flow.

10+ Payment mechanism classifications

Data on all transactions classed into 10+ payment mechanisms based on how it was received or spent.

Up to 90% accuracy

Up to 90% accuracy and coverage on all transactions passed through our categorisation engine.

Continuous accuracy optimisation

We use machine learning to continuously qualify data sets and improve the accuracy of our engine.

Transactions processed in seconds

Transactions are categorised and returned in seconds, allowing for instant data insights.

Categories provided

Our engine categorises the individual's transactions providing the ability to identify spending habits and types of income for an individual. For specific use-cases, DirectID can also customise training sets for businesses.

Category Bucket

- Category

Deposit

- Child support payment, Child tax credit, Deposit, Disability, Dividend, Other benefits, Other employer payment, Rewards, Salary, Sales and consulting, Sick benefit, Unemployment benefit, Expenses, Interest, Pension, Savings

Central Utilities

- Electricity and gas, Other utilities, Telephone and TV

Living Costs

- Healthcare and medical, Other transport, Overdraft charges, Property and council tax, Public transport, Rent payment, Supermarket, Taxes, Train, Vehicle expenses, Vehicle fuel

Leisure Travel

- Accommodation, Flight, Holidays

Insurance

- Insurance

Gambling

- Gambling and gaming

Cash & Cheques

- Cash, Cheque payments

Loans

- Debt recovery, Loan, Vehicle loan

Refunds & Adjustments

- Transfer payments

Transfer Payments

- Transfer payments

Credit Cards

- Credit card

Childcare & Education

- Childcare, Other education, School fees, University fees

Personal

- Beauty treatments, Charitable giving, Clothing, Convenience store, Credit management, Credit score, Discount store, Eating out, Electronics, Fines and penalties, Gifts, Gym and fitness, Home improvement, Investments, Legal expenses, Leisure and entertainment, Office expenses, Online retail, Other family, Pet care, Postage and courier, Repairs and maintenance, Securities and trades, Service charges and fees, Services, Shoes, Subscriptions and renewals, Training, Union membership

Mortgage

- Mortgage payment

Other

- Items outside of the above 77 categories

Classifications provided

Our engine classifies individuals transactions, identifying how the individual received or spent funds (i.e. point-of-sale, ATM, salary) providing a better understanding of consumer financial habits.

Classification Bucket

- Classification, Classification, Classification

Notification

- Account Overdrawn or Debit Item; Centralised Unpaid In (Unpaid Cheque); Correction; Unpaid Bill; Unpaid D/D, Unpaid S/O

Branch Transaction

- Bank Giro Credit; Branch Single Payment; Card On Counter

Automated Teller Machine

- ATM Withdrawal; Advanced ATM with additional deposit and bill payment functionalities

Charge

- Fees debited against your account; Exchange Rate Transaction Fee; Foreign Transaction Fees

Point-of-Sale Transaction

- Point of Sale / Debit Card Transaction; Contactless; Purchase at a Merchant; Maestro; Visa; Mobile Top-Up; Barclays Connect debit card; CheckCard

Recurring Payment

- A regular payment debit or credit: To include direct debits and salary/wages payment
- e.g. Bankers Automated Clearing Services; standing orders (A regular payment of a fixed

amount you pay from your account to a third party or company)

International

- Transfer to an account in another country; Credit Remittance

Interest

- Interest payment

Payment Transfer

- Bill Payment; Digital Banking Transaction; Inter-Branch Payment; CHAPS - transfer for large payments between accounts sent and received on the same day

Cheque / Check

- Cheque; Check; eCheck

Unclassified

- Transactions with a low level confidence score

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