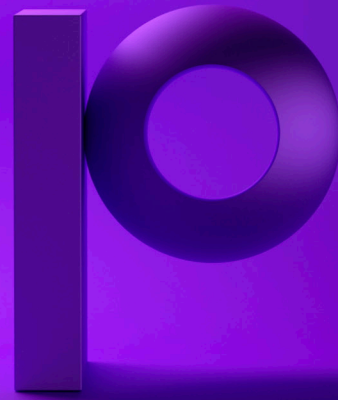




data science for aml



precisely

# Spectrum Data Science for AML

Uncover suspicious activity with greater efficiency

## Reveal and analyze the patterns hidden in your data

You can't stay ahead of money launderers if you're only looking for patterns based on prior incidents. With Spectrum Data Science for AML, you can spot suspicious connections between entities, accounts and transactions as they occur, based on anomalies in the data. It becomes easier to investigate where it matters, achieving greater efficiency and faster resolution.

Analytic segmentation is effective at identifying commonalities. Reverse that approach. Then you can instantly see what doesn't belong and address it quickly. Integrated machine learning within a robust data hub makes your anomaly detection even smarter and faster over time.

## Accelerate compliance and mitigate risk

### Find connections faster

Use proven segmentation techniques to identify anomalous groupings of customers, agents, banks, transactions and more. Identify entities across disparate databases through sophisticated data matching and analytics. Coalesce variations into a single entity by linking to the same address, account or other identifier.

### Apply powerful technologies

Capture and evolve data models based on real-world complex relationships. Keep pace with fast-changing behaviors and uncover suspicious activities. Spectrum Data Science for AML pairs robust data-science capabilities with its data hub and graph-database technology for highly efficient analysis.

### Sharpen your insights

Create predictive models. Evaluate against previous cases and apply deterministic risk scores. Smart algorithms learn to differentiate between relevant and irrelevant data, instantly uncovering anomalies to reveal hidden patterns and behaviors.

## Transformative technology for AML

- Fast, flexible graph database
- Intuitive, drag-and-drop interface
- Robust persistent data-hub repository
- Actionable analytics and machine learning
- Seamless integration with existing workflows and solutions



## Automate detection, consolidate cases and streamline investigation

Spectrum Data Science for AML provides the processing power to deliver the reliable, real-time insight you need. Rely on it to reduce false positives and make your investigative teams more productive.



### An innovative approach

Using the power of knowledge graphs, our solution lets you model complex hierarchies and many-to-many relationships with no pre-defined schema required. These highly accurate, actionable customer-centric views reside within our Spectrum Context Graph, where our data-science capabilities uncover anomalies you can quickly explore.



### An iterative process

#### 01. Identify segments

Define “normal” so you can easily uncover outliers. Employ predictive models to transform anecdotes into patterns. Use real-time model scoring for alerts and import models from other solutions.

#### 02. Spot and analyze anomalies

Quickly uncover hidden patterns and accelerate analysis. Explore linked transactions in ways you can't via a traditional relational database approach. Trace complex cash flows between accounts, entities and geographies, and keep pace with changing behaviors.

#### 03. Continuously improve intelligence

Apply machine learning and tune rules as required. Make connections faster and reduce false positives. Enhance predictive models and flag previously unknown patterns for investigation.

## End-to-end coverage with a complete suite of integrated solutions

Improve detection and productivity at every step. Spectrum Data Science for AML is one of a selection of AML solutions from Precisely – each designed to bring out the best in your existing infrastructure.

### Spectrum Entity Resolution for KYC

Identify and resolve parties across disparate databases to create comprehensive profiles, visualize non-obvious relationships, accelerate onboarding and mitigate risk.

### Spectrum Entity Resolution for Transaction Monitoring

Find, link and visualize complex relationships, so you can enable more rules in your TMS. Detect suspicious activity, consolidate cases and provide investigators with the information they need to resolve cases.

### Spectrum Screener

Add efficiency at every step with modular solutions that can increase the quality of your data, your lists, your matches and your responsiveness to regulators.