

# AI Use Cases Surveillance Rogue Trading & Fraud

April 2024

## What is « Rogue trading » ?



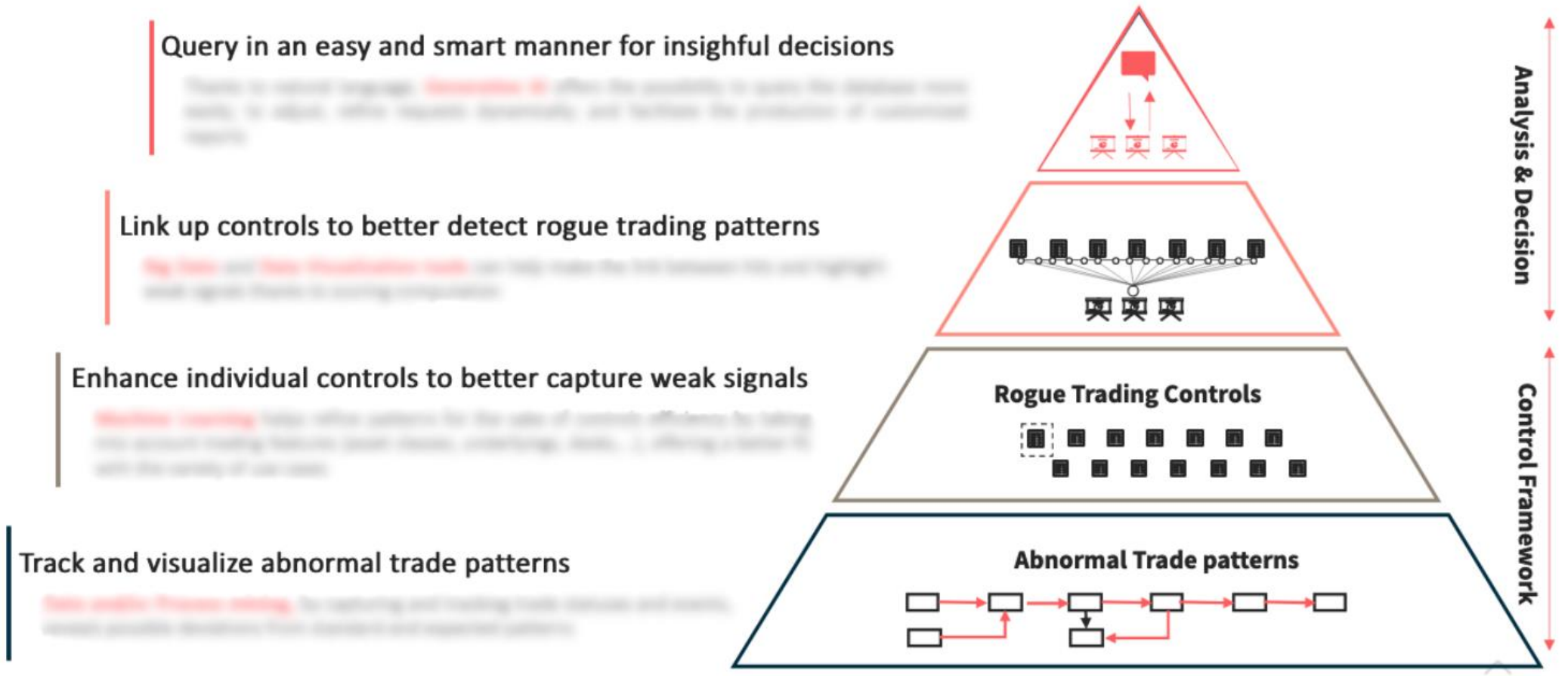
## Examples of frauds

SGCIB	UBS	AIB
2005 - 2008	2010 - 2011	1997 - 2002
4.9 Bn €	> 2Bn \$	0,7Bn \$
Transactions with differed dates ; internal counterparties; trades on futures with a “pending” counterparty; forward contracts with fictitious counterparties; self-approval of his trades	Transactions with differed dates ; internal counterparties; Amend & Cancel trades	Fictitious Option Trades not confirmed, Prime Brokerage account, Zero premium option, VaR manipulation, Options for sale



# Where AI and Innovation can help

AI can operate at various levels to help capture, detect and qualify rogue trading patterns



# Enhance individual controls to better capture weak signals

## Overview of Rogue Trading Controls



**Unconfirmed deals**



**Off market price**



**Deferred dealing**



**Large amount**



**High trade confirmation rate**



**Technical counterparty**



**Clear communication**



**Margin call amount**



**Late booking**



**Brokers fees**



**High quality of data**



**Black dates**



### Deferred deals control

**Objective**

- Review all pending deals to ensure compliance with regulatory requirements and internal policies.
- Identify and flag any deals that may be subject to deferred treatment.

**Key actions**

- Conduct regular reviews of pending deals.
- Document findings and actions taken.

**Reporting**

- Report findings to the relevant management and regulatory bodies.

### Brokers fees control

**Objective**

- Ensure that all broker fees are accurately recorded and reported.
- Identify and flag any discrepancies or potential issues.

**Key actions**

- Implement robust controls for fee recording and reporting.
- Conduct regular audits and reconciliations.

**Reporting**

- Report findings to the relevant management and regulatory bodies.

### Communications recording & monitoring

**Objective**

- Ensure that all communications are properly recorded and monitored.
- Identify and flag any potential compliance issues.

**Key actions**

- Implement robust controls for recording and monitoring.
- Conduct regular audits and reconciliations.

**Reporting**

- Report findings to the relevant management and regulatory bodies.





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# Aurexia

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