Executive Pulse

LAST 24 HOURS

FRAUD AMOUNT TODAY
$77,411
↓ -0.2%

FRAUD RATE (24H)
3.4%
↓ -0.2%

BLOCKED AMOUNT
$2,337,765

AVG DETECTION TIME
20.85s

ALERTS PENDING
6.5K

Operational Command

CRITICAL ALERTS ACTIVE

High-Risk Transactions

350 total alerts

T103299 CRITICAL
Unknown
$12
100.0% confidence
LOCATION: London
DEVICE: mobile
TIMESTAMP: Jan 1, 02:02 AM
VELOCITY: 0s gap
REQUIRES IMMEDIATE ACTION
Investigate

T103775 CRITICAL
Unknown
$223
100.0% confidence
LOCATION: Sydney
DEVICE: mobile
TIMESTAMP: Jan 1, 03:28 PM
VELOCITY: 0s gap
REQUIRES IMMEDIATE ACTION
Investigate

142
HIGH PRIORITY

188
MEDIUM PRIORITY

Fraud Velocity Heatmap

Peak: 19:00-20:00

CURRENT RATE
4.78%

AVG RATE
3.29%

Analytics & Intelligence

POWERED BY AI/ML

Fraud Type Breakdown

Total: 179,553

Financial Impact

Last 30 days

NET SAVINGS
$125,740,291
ROI: 138.3K%

Model Health

Version: v2.3.1

PRECISION
3.6%
+0.02% change

RECALL
97.6%
-0.51% change

F1-SCORE

ACCURACY

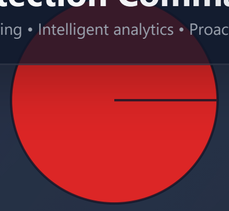
Fraud Detection Command Center

Real-time monitoring • Intelligent analytics • Proactive defense

STATUS
All Systems Online

Auto-refresh: ON

CARD NOT: 100%



Card Not Present 100.0%

Fraud Prevented $131,066,352

Fraud Losses -$5,235,171

Prevention Costs -$40,396

False Positive Impact -$50,494

7.0%

6.0%

Inference Time 0.85ms ✓

Data Drift Status LOW DRIFT

AI RECOMMENDATION

Model performing well. Continue monitoring.

Dashboard Evolution in Progress

Advanced visualization tiles coming soon to enhance your fraud detection capabilities

Network Graph Analysis

Visualize fraud rings and connected accounts to identify complex money laundering patterns

Geo Hotspot Mapping

Interactive maps showing fraud concentration areas and impossible travel patterns

Temporal Pattern Recognition

Time-series analysis to detect seasonal fraud trends and attack waves

Risk Score Matrix

Multi-dimensional risk assessment combining behavioral and transactional signals

Behavioral Clustering

ML-powered user segmentation to identify anomalous behavior patterns

Transaction Flow Visualization

Sankey diagrams showing money movement and fund redistribution patterns

15+ Advanced Analytics Tiles in Active Development

Building enterprise-grade fraud detection visualizations powered by AI/ML algorithms and real-time data processing

Built with ❤ by **Masood Nazari**

Business Intelligence | Data Science | AI | Clinical Research

Portfolio | LinkedIn | GitHub

© 2025 Fraud Detection Dashboard • Powered by FastAPI & React • Secured by Advanced ML Analytics