

VIGILO // INTELLIGENCE DOSSIER

HYBRID ANALYTICS CORE // AUTHENTICATED ACCESS

SECTION 01: EXECUTIVE OVERVIEW

Dossier ID: 20251222202018

STATUS: CRITICAL THREAT

10.7%

SECTION 02: GLOBAL BEHAVIORAL BASELINES

Metric	Value	Metric	Value
Total Volume	112	Unique Users	28
Avg Txn Value	INR 3,179.02	Max Txn Value	INR 50,000.00
Velocity (txn/hr)	0.00	Most Active UI	User_20

SECTION 03: HIGH-CONFIDENCE ANOMALY DETECTION

TXN_ID	USER_ID	AMOUNT	SCORE	DETECTION_LOG
	User_20	INR 5,000	1.00	DETECTION: Duplicate: Replay of Previous Transaction, High Velocity (Burst) detected Duplicate: Replay of Previous Transaction; High Velocity (Burst) detected. Normal Pattern: Amount: \$5,000.00 (Normal Avg: \$3,179.02) Confidence: 100.0% Probable Type: Transaction Duplicate
	User_26	INR 50,000	1.00	DETECTION: ML Loop: User_26 -> User_27 -> User_28 -> User_26 (Avg Amount: 49166) ML Loop: User_26 -> User_27 -> User_28 -> User_26 (Avg Amount: 49166). Normal Pattern: Amount: \$50,000.00 (Normal Avg: \$3,179.02) Confidence: 100.0% Probable Type: Money Laundering Loop

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	User_28	INR	1.00	DETECTION: ML Loop: User_26 -> User_27 -> User_28 -> User_26 (Avg Amount: 49166) ML Loop: User_26 -> User_27 -> User_28 -> User_26 (Avg Amount: 49166). Normal Pattern: Amount: \$48,500.00 (Normal Avg: \$3,179.02) Confidence: 100.0% Probable Type: Money Laundering Loop
	User_27	INR	1.00	DETECTION: ML Loop: User_26 -> User_27 -> User_28 -> User_26 (Avg Amount: 49166) ML Loop: User_26 -> User_27 -> User_28 -> User_26 (Avg Amount: 49166). Normal Pattern: Amount: \$49,000.00 (Normal Avg: \$3,179.02) Confidence: 100.0% Probable Type: Money Laundering Loop
	User_21	INR 2,500	0.90	DETECTION: Future timestamp detected (Year 2035) Future timestamp detected (Year 2035). Normal Pattern: Values are within statistical deviation ranges, but pattern is complex. Confidence: 100.0% Probable Type: Timestamp Violation
	User_22	INR	0.90	DETECTION: Negative or zero amount (-5000.0) Negative or zero amount (-5000.0). Normal Pattern: Values are within statistical deviation ranges, but pattern is complex. Confidence: 100.0% Probable Type: Amount Anomaly
	User_23	INR 0	0.90	DETECTION: Negative or zero amount (0.0), Cross-Community Transaction (Unusual Group Interaction) Negative or zero amount (0.0). Normal Pattern: Values are within statistical deviation ranges, but pattern is complex. Confidence: 100.0% Probable Type: Amount Anomaly
	User_25	INR 2,000	0.75	DETECTION: Impossible Travel: Mumbai to London in 5m Impossible Travel: Mumbai to London in 5m. Normal Pattern: Values are within statistical deviation ranges, but pattern is complex. Confidence: 100.0% Probable Type: Rule Violation

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	User_20	INR 5,000	0.70	DETECTION: High Velocity (Burst) detected High Velocity (Burst) detected. Normal Pattern: Amount: \$5,000.00 (Normal Avg: \$3,179.02) Confidence: 100.0% Probable Type: High Velocity (Burst)
	User_25	INR 2,000	0.70	DETECTION: Impossible Travel: Mumbai to London in 5m Impossible Travel: Mumbai to London in 5m. Normal Pattern: Values are within statistical deviation ranges, but pattern is complex. Confidence: 100.0% Probable Type: Rule Violation

CONFIRMATION OF ANALYSIS

This report was autonomously generated by the VIGILO Hybrid Scoring Engine. All detections are based on a merge of Rule Guards, Isolation Forest (UAIC), and Graph Temporal Analysis.

ANALYST SIGNATURE

Digital_Seal_VIGILO_CORE

SYSTEM TIMESTAMP

2025-12-22 20:20