

# Fraud Case Report — Ca11490379089  
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#### ## Transaction

- txn\_id: T867956004
- user\_id: U1002 (grade=B)
- type: purchase
- status: approved
- amount: 2532.86 ZAR
- merchant: Online Electronics (mcc=5411)
- channel: card\_not\_present
- country: ZA (home=GB)
- device\_id: D02000
- ip\_address: 10.0.2.93

#### ## Decision

- Decision: \*\*BLOCK\*\*
- Recommended action: High-confidence fraud: CNP + geo mismatch + velocity

#### ## Evidence

- Risk level: HIGH (score=80)
- Reasons: Card-not-present, Geo mismatch vs home, High amount >= 1000, High-risk merchant category
- User avg amount (last 80): 600.36
- Velocity proxy (15): 15
- User status counts: {'approved': 94, 'chargeback': 3, 'declined': 20, 'reversed': 3}
- User type counts: {'purchase': 25, 'subscription': 14, 'refund': 17, 'cash\_withdrawal': 16, 'transfer': 48}
- IP/device reuse top: [('U1002', 200)]

#### ## Rationale

- Risk HIGH (score=80).
- Geo mismatch relative to customer profile.
- Amount significantly above customer baseline (>=3x).
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.