

# Fraud Case Report — Cae0bc1e2903b  
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#### ## Transaction

- txn\_id: T465626563
- user\_id: U1001 (grade=A)
- type: purchase
- status: approved
- amount: 1441.03 AED
- merchant: Online Electronics (mcc=5411)
- channel: card\_not\_present
- country: DE (home=US)
- device\_id: D96865
- ip\_address: 10.0.1.243

#### ## Decision

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

#### ## Evidence

- Risk level: HIGH (score=75)
- Reasons: Card-not-present, Geo mismatch vs home, High amount  $\geq$  1000, High-risk merchant category
- User avg amount (last 80): 381.89
- Velocity proxy (15): 15
- User status counts: {'approved': 52, 'chargeback': 4, 'reversed': 4, 'declined': 11}
- User type counts: {'purchase': 15, 'cash\_withdrawal': 11, 'subscription': 17, 'transfer': 17, 'refund': 11}
- IP/device reuse top: [('U1001', 2)]

#### ## Rationale

- Risk HIGH (score=75).
- Geo mismatch relative to customer profile.
- Amount significantly above customer baseline ( $\geq 3x$ ).
- High velocity behavior consistent with burst activity.