

Fraud Case Report — C24fc4efc03c4
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Transaction

- txn_id: T877868495
- user_id: U1002 (grade=B)
- type: transfer
- status: declined
- amount: 548.05 USD
- merchant: Grocery (mcc=5411)
- channel: card_not_present
- country: ZA (home=GB)
- device_id: D36191
- ip_address: 10.0.2.27

Decision

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

Evidence

- Risk level: HIGH (score=77)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, Suspicious stat
- User avg amount (last 80): 585.0
- Velocity proxy (15): 15
- User status counts: {'declined': 23, 'chargeback': 8, 'approved': 86, 'reversed': 3}
- User type counts: {'transfer': 45, 'cash_withdrawal': 13, 'purchase': 30, 'refund': 20, 'subscription': 12}
- IP/device reuse top: [('U1002', 4)]

Rationale

- Risk HIGH (score=77).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.