

# Fraud Case Report — C46db77dbf981  
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#### ## Transaction

- txn\_id: T406470939
- user\_id: U1002 (grade=B)
- type: transfer
- status: approved
- amount: 695.43 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=69)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, Amount  $\geq$  500
- User avg amount (last 80): 592.92
- Velocity proxy (15): 15
- User status counts: {'approved': 86, 'declined': 23, 'chargeback': 8, 'reversed': 3}
- User type counts: {'transfer': 46, 'cash\_withdrawal': 13, 'purchase': 30, 'refund': 19, 'subscription': 12}
- IP/device reuse top: [('U1002', 5)]

#### ## Rationale

- Risk HIGH (score=69).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.