

Fraud Case Report — C39aec6f59d45
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Transaction

- txn_id: T777548995
- user_id: U1003 (grade=C)
- type: transfer
- status: declined
- amount: 500.8 GBP
- merchant: Luxury Goods (mcc=5944)
- channel: card_not_present
- country: US (home=ZA)
- device_id: D56341
- ip_address: 247.93.108.6

Decision

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

Evidence

- Risk level: CRITICAL (score=95)
- Reasons: Lower customer grade: C, Card-not-present, Geo mismatch vs home, High-risk transaction type
- User avg amount (last 80): 451.0
- Velocity proxy (15): 15
- User status counts: {'declined': 20, 'approved': 89, 'chargeback': 7, 'reversed': 4}
- User type counts: {'transfer': 40, 'purchase': 19, 'subscription': 21, 'cash_withdrawal': 21, 'refund': 19}
- IP/device reuse top: [('U1003', 11)]

Rationale

- Risk CRITICAL (score=95).
- Geo mismatch relative to customer profile.
- High velocity behavior consistent with burst activity.
- High-risk type combined with CNP channel increases fraud likelihood.
- IP/device reuse pattern across multiple users is suspicious.