

Fraud Case Report — Cef93f5db53fd
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Transaction

- txn_id: T726130727
- user_id: U1002 (grade=B)
- type: transfer
- status: declined
- amount: 491.76 GBP
- merchant: Travel (mcc=4511)
- channel: card_not_present
- country: ZA (home=GB)
- device_id: D02000
- ip_address: 10.0.2.107

Decision

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

Evidence

- Risk level: HIGH (score=65)
- Reasons: Card-not-present, Geo mismatch vs home, High-risk transaction type: transfer, Suspicious stat
- User avg amount (last 80): 591.88
- Velocity proxy (15): 15
- User status counts: {'declined': 21, 'approved': 93, 'chargeback': 3, 'reversed': 3}
- User type counts: {'transfer': 49, 'purchase': 25, 'subscription': 13, 'refund': 17, 'cash_withdrawal': 16}
- IP/device reuse top: [('U1002', 200)]

Rationale

- Risk HIGH (score=65).
- 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.