

## # Fraud Case Report — C81e9b0abe6b9

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### ## Transaction

- txn\_id: T435491473
- user\_id: U1002 (grade=B)
- type: purchase
- status: approved
- amount: 2919.78 GBP
- merchant: Online Electronics (mcc=5411)
- channel: card\_not\_present
- country: FR (home=GB)
- device\_id: D02000
- ip\_address: 195.143.134.124

### ## Decision

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

### ## Evidence

- Risk level: HIGH (score=80)
- Reasons: Card-not-present, Geo mismatch vs home, High amount  $\geq 1000$ , High-risk merchant category
- User avg amount (last 80): 603.88
- Velocity proxy (15): 15
- User status counts: {'approved': 87, 'chargeback': 3, 'declined': 27, 'reversed': 3}
- User type counts: {'purchase': 20, 'subscription': 11, 'refund': 16, 'cash\_withdrawal': 15, 'transfer': 58}
- IP/device reuse top: [('U1002', 200)]

### ## Rationale

- Risk HIGH (score=80).
- Geo mismatch relative to customer profile.
- Amount significantly above customer baseline ( $\geq 3x$ ).
- High velocity behavior consistent with burst activity.
- IP/device reuse pattern across multiple users is suspicious.