Automated Compliance Breach Detection Report

# Message 1

Text: Transaction was completed without notifying compliance team.

ML Prediction: Non-Compliant (Confidence: 0.55)

Rule-Based Alert: Phrase matched → 'without notifying'

Named Entities: Transaction (GPE)

# Message 2

Text: Audit report submitted to the risk committee.

ML Prediction: Compliant (Confidence: 0.52)

No rule-based red flag detected.

Named Entities: Audit (GPE)

# Message 3

Text: The review was pending, but funds were already moved.

ML Prediction: Non-Compliant (Confidence: 0.59)

Rule-Based Alert: Phrase matched → 'review was pending'

No named entities found.

# Message 4

Text: Customer concerns were documented and handled.

ML Prediction: Compliant (Confidence: 0.55)

No rule-based red flag detected.

Named Entities: Customer (GPE)

# Message 5

Text: Policy update approved by Director Smith on April 3rd.

ML Prediction: Non-Compliant (Confidence: 0.55)

No rule-based red flag detected.

Named Entities: Policy (GPE), Director Smith (PERSON)