

Interactive Compliance Assistant

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Conversational Rule Refinement

Generated Rules (for demo): Transaction_Amount should always match Reported_Amount, except when the transaction involves cross-currency conversions, in which case a permissible deviation of up to 1% is allowed.

Real-Time Monitoring

☐ Enable real-time monitoring

Dataset Preview:

	Customer_ID	Account_Balance	Transaction_Amount	Reported_Amount	Currency	Country	Trans
0	1001	15000	500	500	USD	US	2025-
1	1002	32000	1200	1200	EUR	DE	2025-
2	1003	5000	300	300			None
3	1004	70000	2000	1800	USD	US	2025-

Adjust Profiling Rules

Deviation for Transaction_Amount vs Reported_Amount (%)



Validation Results

```
▼ {
  "Customer_ID" : "Valid"
  "Account_Balance" : "Valid"
  "Transaction_Amount" : "Valid"
  "Reported_Amount" : "Valid"
  "Currency" : "Invalid values at rows: [2]"
  "Country" : "Invalid values at rows: [2]"
  "Transaction_Date" : "Null values at rows: [2]"
  "Risk_Score" : "Valid"
```

```
"Transaction_Amount vs Reported_Amount" :
"Cross-field validation failed at rows: [3]"

"Round_Number_Transaction" : "Cross-field validation failed at rows: [3]"

"High_Risk_Transaction" : "Valid"

"Cross_Border_Remarks" : "Valid"

}
```

Anomaly Detection

Anomalies:

	Customer_ID	Account_Balance	Transaction_Amount	Reported_Amount	Currency	Country	Trans
3	1004	70000	2000	1800	USD	US	2025-

Adaptive Risk Scores

	Customer_ID	Risk_Score	Adaptive_Risk_Score	Anomaly
0	1001	3	3	1
1	1002	2	2	1
2	1003	None	6	1
3	1004	5	12	-1

Remediation Suggestions

Row 2 (Customer_ID 1003): Request missing Currency value. Reason: Invalid values at rows: [2]

Row 2 (Customer_ID 1003): Request missing Country value. Reason: Invalid values at rows: [2]

Row 2 (Customer_ID 1003): Request missing Transaction_Date value. Reason: Null values at rows: [2]

Row 3 (Customer_ID 1004): Adjust Reported_Amount to 2000.0. Reason: Cross-field validation failed at rows: [3]

Row 3 (Customer_ID 1004): Correct Round_Number_Transaction value. Reason: Cross-field validation failed at rows: [3]

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E.g., 'Increase deviation to 2%'

