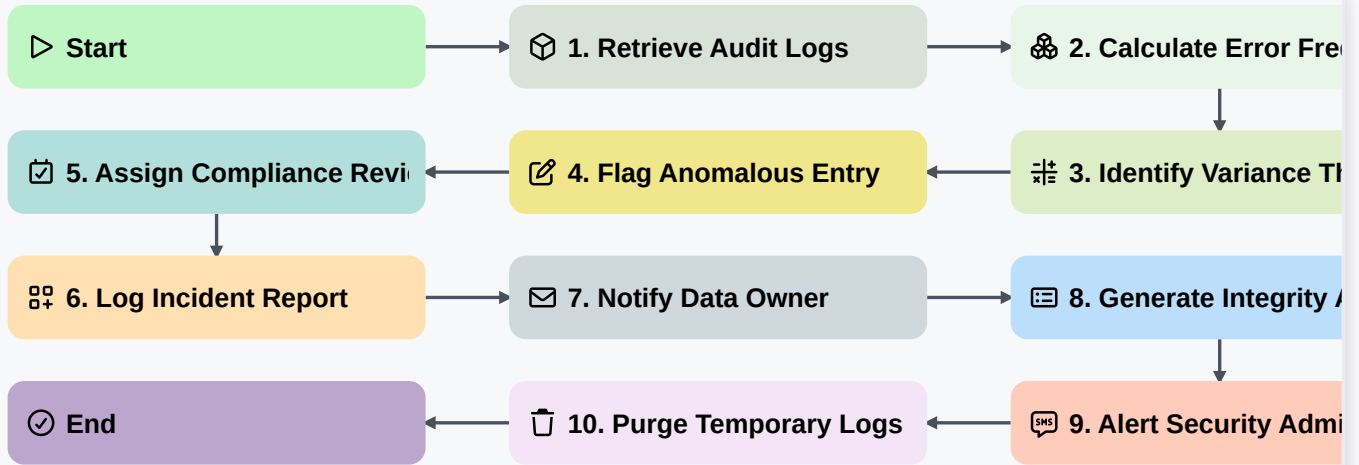


Audit Trail And Data Integrity Management



▷ Start

Start of the Workflow/Process.

1. Retrieve Audit Logs

Fetch all entries from the Audit Log data model to identify recent changes.

2. Calculate Error Frequency

Aggregate the count of 'Failed' status entries from the Validation Logs data model.

3. Identify Variance Threshold

Calculate the difference between current value and the allowed threshold to detect anomalies.

4. Flag Anomalous Entry

Update the 'Status' property of the flagged data entry to 'Under Review'.

5. Assign Compliance Review

Create a task for the Compliance Officer to manually verify the flagged data.

6. Log Incident Report

Create a new entry in the Incident Management data model with the detected discrepancy details.

✉ **7. Notify Data Owner**

Send an email to the data owner regarding the detected integrity breach.

📄 **8. Generate Integrity Audit Report**

Generate a PDF report summarizing all detected anomalies and actions taken during this cycle.

💬 **9. Alert Security Admin**

Send an SMS alert to the System Administrator for high-priority integrity failures.

🗑 **10. Purge Temporary Logs**

Delete temporary cache entries from the system logs after the audit process is complete.

✓ **End**

End of the Workflow/Process.