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# Goldman Sachs Operational Audit: Scope of Work

**Data Analyst:** Yana Dhanewar

**Client/Sponsor:** Goldman Sachs Wealth Management Operations

**Purpose:**

To perform a systems-oriented operational audit of a high-value transaction lifecycle. The goal is to apply **Data Integrity principles** and **Risk Management frameworks** to ensure 100% settlement accuracy and optimize financial reporting workflows.

**Scope / Major Project Activities:**

Activity	Description
Systemic Data Audit	Identifying and resolving <b>data-type conflicts</b> (String vs. Float) within the transaction ledger to ensure computational integrity.
Liquidity Risk Modeling	Performing a <b>Capital Adequacy Analysis</b> to verify that current liquid assets cover all projected capital expenditures.
Fail-Safe Implementation	Designing a <b>Dual-Verification workflow</b> (Pre-trade checks + Automated Triggers) to mitigate operational settlement risk.
Workflow Refactoring	Transitioning unstructured manual data entries into a <b>Standardized Schema</b> for improved scalability and reporting.

- This project does not include:**
- Real-time integration with external banking APIs.
  - Long-term investment portfolio management or stock market speculation.
  - Legal tax advisory or cross-border regulatory filing.

**Deliverables:**

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Deliverable	Description/ Details
Operational Audit Ledger	A refactored Excel model with standardized data types and automated total calculations.
Risk Control Log	A documented framework of automated settlement triggers and T-1 liquidity verification steps.
Post-Mortem Analysis	A reflective summary highlighting identified "bugs" and implemented system optimizations.

#### Schedule Overview / Major Milestones:

Milestone	Expected Completion Date	Description/Details
<i>Audit Initiation</i>	<i>15 Feb</i>	<i>Completion of the Scope of Work and system requirement gathering.</i>
<i>Data Debugging</i>	<i>16 Feb</i>	<i>Identification and resolution of formatting inconsistencies and logic breaks.</i>
<i>Final Settlement Review</i>	<i>17 Feb</i>	<i>Verification of all liquidity models and submission of the optimized Audit Ledger.</i>

\*Estimated date for completion:

17 Feb, 2026.