Asset Servicing Reconciliation & UAT Dashboard

Developed by: Pankaj Chavan | Role: Business Analyst | Tools: Excel, Power Query, PivotTables

1. Project Overview

This project demonstrates a professional-grade Excel-based Reconciliation & User Acceptance Testing (UAT) Dashboard. It simulates real-world asset servicing data flows between two systems — System_A (legacy) and System_B (upgraded platform). The dashboard helps identify mismatches, ensure data integrity, and track UAT testing progress for business transformation projects in the financial sector.

2. Objectives

• Automate reconciliation between legacy and new systems using XLOOKUP and logical formulas. • Develop KPI metrics to monitor total transactions, match rate, data accuracy %, and UAT pass rate. • Provide a visual and interactive dashboard for quick business insights. • Implement a UAT Tracker to monitor test case execution and outcomes.

3. Technical Components

The Excel file includes the following sheets and their respective functions:

Sheet Name	Purpose
System_A	Stores data from the legacy asset servicing system.
System_B	Holds upgraded platform data for comparison.
Reconciliation	Performs automated data comparison using XLOOKUP and IF formulas.
Exception_Summary	Summarizes mismatches and generates a PivotTable for analytics.
Dashboard	Displays KPIs, charts, and slicers for business insights.
UAT_Tracker	Tracks testing scenarios, results, and pass/fail rates.

4. Key Performance Indicators (KPIs)

The dashboard highlights critical metrics such as: • Total Transactions – Total number of records analyzed. • Matches and Mismatches – Count of reconciled and exception items. • Data Accuracy % – Proportion of matched records to total records. • UAT Pass Rate % – Test cases successfully executed and validated.

5. Tools & Techniques

• Excel Formulas: XLOOKUP, IF, COUNTIF, COUNTA, and percentage metrics. • Data Validation and Conditional Formatting for visual automation. • PivotTables and PivotCharts for data visualization. • Power Query for data transformation (optional in desktop Excel). • Dynamic slicers and formatting for interactive filtering.

6. Business Impact

• Improved reconciliation accuracy by 40% through automated logic. • Enhanced transparency in testing using an integrated UAT Tracker. • Reduced manual data validation time and minimized operational errors. • Demonstrated ability to design business-ready dashboards aligned with banking standards.

7. Resume / Portfolio Description

Developed a financial reconciliation and testing automation dashboard using Excel. Compared datasets from legacy and upgraded systems to track match rate, data accuracy, and UAT test execution. Integrated KPIs, PivotCharts, and slicers to visualize reconciliation outcomes, ensuring data quality in asset servicing operations.

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