

Financial Data Reconciliation Assignment

You are provided with two datasets: 1. ERP Data (Excel file) 2. Bank Statement (PDF file) Your task is to reconcile the data between the two sources and identify discrepancies. This exercise is designed to assess your problem-solving, data-handling, and analytical skills. Importantly, we require you to use ****Gen AI or Agentic AI frameworks**** to complete this task. You may use open-source or commercial frameworks as long as they support automation and reasoning through AI agents.

Tasks

- Reconcile transactions between the ERP data and Bank Statement.
- Identify and classify discrepancies (e.g., missing in ERP, missing in Bank, duplicates, amount mismatches, rounding differences).
- Use Gen AI or Agentic AI frameworks to automate or assist in the reconciliation process.
- Prepare a reconciliation summary file with your results (Excel or CSV).
- Write a short report (1–2 pages) including: overall reconciliation rate, summary of issues found, and recommendations.

Submission Requirements

- Reconciled dataset (Excel/CSV). - Short written report (PDF/Word). - Brief note or documentation explaining how you used Gen AI or Agentic AI frameworks in your approach.

Evaluation Criteria

- Accuracy of reconciliation and issue identification.
- Effective use of Gen AI or Agentic AI frameworks.
- Clarity and structure of the final report.
- Creativity in leveraging AI agents for automation.

Please ensure that your solution is reproducible and clearly demonstrates how Gen AI or Agentic AI was applied in the reconciliation process.