

Testing Deliverables Document

Project: Personal Expense Tracker

Purpose

The purpose of this document is to outline the testing deliverables required for the **Personal Expense Tracker** project. These deliverables ensure that all functionalities and data analytics meet quality standards and user expectations.

1. System Test Plan

- **Objective:** Define the overall approach to testing the Personal Expense Tracker's functionalities.
- **Scope:**
 - Testing data processing and integrity across datasets.
 - Verifying that expense tracking, categorization, and visualizations operate correctly.
- **Methodology:** The testing process will include unit tests for individual functions, integration tests for end-to-end workflows, and system testing to validate the overall application.
- **Responsibilities:** Testing will be conducted by the data analyst with assistance from QA.

2. Test Cases

- **Objective:** Develop specific test cases to validate each component of the expense tracker.
- **Examples:**
 - **Data Processing Tests:** Verify that data is correctly imported, cleaned, and transformed.

- **Categorization Tests:** Ensure transactions are categorized accurately.
- **Dashboard Tests:** Confirm that the visualizations in Tableau display correct information for different filters.
- **Test Execution:** Each test case will be executed, and results documented. Any discrepancies will be reviewed and corrected.

3. User Acceptance Testing (UAT) Progress Reports

- **Objective:** Collect feedback from end-users to ensure that the tool meets user needs and expectations.
- **UAT Scope:**
 - **Interactive Dashboards:** Validate that users can navigate the dashboards effectively and gain insights.
 - **Expense Reporting:** Confirm that users can generate accurate reports on their spending.
 - **Predictive Models:** Verify that expense predictions align with user expectations and past data.
- **Frequency:** UAT will be conducted at the end of each testing phase and documented in progress reports.
- **Status Tracking:** A report will be generated after each UAT session to summarize issues, track resolution status, and highlight user feedback.

Conclusion

This document details the testing deliverables required for the **Personal Expense Tracker** project, ensuring data integrity, accurate categorization, reliable visualizations, and user satisfaction