

# Problem Statement

**Subject :** Request for Expertise in Optimizing Financial Data Analysis Workflow

**To Ayush Wase,**

We are reaching out to seek your expertise in resolving a pressing issue within our financial data analysis process. As a client responsible for analyzing financial data across the United States & across Europe, we are encountering significant challenges that are impacting our efficiency, accuracy, and overall performance.

## Current Process Overview

Our daily workflow involves processing critical financial data to deliver comprehensive dashboards to our primary stakeholder, the US government. The process entails the following steps:

1. **Downloading Files:** Collecting approximately 25 files received via email from our survey teams across various locations daily at 3 PM.
2. **Combining Files:** Merging these files into a single, consolidated dataset.
3. **Cleaning Files:** Performing necessary data cleaning to ensure accuracy and consistency.
4. **Building Dashboard:** Creating and updating dashboards using the cleaned data.
5. **Sharing Insights:** Delivering the final analysis and insights to the client by 8 PM the same day.

## Challenges Faced

We have identified several pain points within this process:

1. **Time Consumption:** A significant amount of time is spent on downloading, merging, and cleaning files. Despite onboarding two additional employees to manage these tasks, delays persist.
2. **Increased Costs:** The additional hires have added an extra expense of \$12,000 per month.
3. **Error Rates:** Errors during data manipulation have been frequent, further compounding delays and impacting the quality of our analysis.
4. **Workload Management:** The increased workload is adversely affecting other projects, reducing overall organizational efficiency.

## **Our Objectives**

We are seeking solutions to achieve the following:

- **Reduce Time:** Streamline the processes of downloading, merging, and cleaning data to improve turnaround time.
- **Minimize Errors:** Implement robust strategies to enhance data accuracy and reduce manipulation errors.
- **Reduce Costs:** Identify cost-effective alternatives to reduce the dependency on manual labor and additional hires.
- **Streamline Workload:** Optimize workload distribution to mitigate the impact on other projects.

Your expertise in data analytics, process optimization, and automation would be invaluable in helping us overcome these challenges and enhance our operational efficiency. We look forward to your guidance in devising innovative, sustainable solutions to address these issues.

**Thank you,**

**[Organization Representative]**