Report on Resources Allocation for Improving Service at AtliQ Mart_Supply Chain

To successfully implement the Service Improvement Project at AtliQ Mart, I have identified the necessary resources for each phase of the project. Below are the details of the types of resources that will be utilized:

1. **Personnel**

Myself: As the sole contributor to this project, I will be responsible for all phases, including planning, data collection, analysis, and reporting.

2. **Financial Resources**

Personal Funding: Since this is an individual project, I will allocate my own funds to cover any necessary expenses related to data acquisition or tools needed for analysis.

3. **Technology**
- **Python:** Python will be used as the primary programming language to automate the data collection and processing of delivery data. It will facilitate data cleaning, transformation, and analysis of performance metrics (On-Time, In-Full, On-Time In-Full). Libraries such as Pandas and NumPy will assist in performing complex calculations and statistical analysis.
- **Excel:** Processed data will be exported to CSV format and stored in Excel, allowing for easy viewing and checking of interim results. Excel will also be used to create simple and quick summary reports.
- **Power BI:** Power BI will be employed to visualize data and generate interactive reports. The dashboard in Power BI will enable real-time monitoring of delivery performance, providing stakeholders with insightful and visual perspectives on service conditions.
- **PowerPoint**: PowerPoint will be utilized for creating presentation slides to communicate findings and recommendations effectively.
- **Word:** Microsoft Word will be used to document the report and any additional project-related documentation.

4. **Time**

Project Schedule: The project will be executed over a period of 7 days with the following phases:

- **Day 1**: Establishing and Initial Planning.
- **Day 2**: Project Structure.
- **Day 3**: Data Preparation
- **Day 4**: Establish Data Analysis.
- **Day 5**: Generate Insights.
- **Day 6**: Consult Stakeholders.
- **Day 7**: Implementation & Customer Focus.