

# Weekly Scrum Report 1

## Project Focus/Overall Goal

The project aims to analyze various types of violations and requests in Boston to identify patterns, systemic issues, and areas needing improvement. The overall goal is to enhance city governance, public safety, and the quality of life for residents by addressing these violations and requests efficiently.

## Why This Project is Important

This project is crucial as it directly impacts the living conditions and safety of Boston's residents. By understanding the nature and distribution of violations and service requests, the city can prioritize resources, enforce codes more effectively, and implement preventive measures to reduce future incidents.

## Type of Data to be Collected/Analyzed

Each dataset provides a unique perspective on city operations and resident concerns, offering a comprehensive view for analysis.

- **Public Works Violations:** Data on citations issued by the Public Works Department, including case numbers, status, violation descriptions, locations, and associated fines.
- **Property Assessment:** Information on property ownership, value assessments, and parcel identification to ensure fair taxation and manage city revenues effectively.
- **311 Service Requests:** Details of service requests made by citizens, including types of requests, locations, reporting channels, and resolution status.

## Potential Limitations of the Project

- **Data Completeness and Accuracy:** Incomplete or inaccurate data entries can lead to misleading analysis and conclusions.
- **Bias in Reporting and Enforcement:** There might be systemic biases in how violations are reported and enforced, affecting the analysis.

- **Resource Constraints:** Limited resources might affect the depth of analysis and implementation of proposed solutions.

## Next Steps and Task Division

1. **Data Cleaning and Preprocessing:** Assign team members to clean and preprocess each dataset to ensure quality and usability.
2. **Analysis and Pattern Identification:** Divide the datasets among team members to identify trends and correlations within and across datasets.
3. **Report Writing and Presentation:** Assign individuals or sub-teams to compile findings into a comprehensive report and prepare a presentation for clients. Early, mid and final.