

## Weekly Project SCRUM Report

Date: 03/24/2023

Project Name: Analyzing 311 Data – Team 3

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### Tasks Completed This Week:

We worked and completed Deliverable 2, successfully answering all the key questions and creating a presentation, conclusions, and visualizations of the data. We finished our Extension proposal. We had a meeting with the other teams and Jacqueline and presented all of our findings in front of the city councilor as well.

### Plans for Next Week:

We will do further analysis of the 2 key questions. We will also do more research on our Extension project.

### Obstacles and Questions:

It was very difficult to get the block data into the larger dataset because of the size of the dataset and the nature of how the block data is retrieved. We also had difficulties with portraying the data via graphs and charts, which is something we aim to resolve.

### Met with the client recently? When is the next meeting with the client?:

We will be meeting with the client next Friday (3/24/23) from 4-5pm. We plan on meeting the client 03/31/2023.

### Project Description:

At-Large City Councillor Julia Mejia seeks to understand the city's response to 311 service requests and if they are resolving them in an equitable manner. You will use 311 data to understand which communities feel empowered in Boston to demand services and how the city responds to empowered residents across the city.

### Why Is This Project Important:

This project is important as it helps the councilor understand if the 311 call requests are addressed in an efficient manner. This is important as for smooth and effective functioning it is important that calls are addressed in a timely and appropriate manner. This also allows us to understand which communities feel empowered to use the 311 call service.

**Team Contributions: - feel free to edit this before we submit**

Chris - worked with Aryaan regarding the code - extracted data, divided the main dataset into chunks that can be used in the Geocode api, then used these results to gain new insights regarding the block ids, as well as created visualizations for this data, troubleshooted a lot of problems regarding the code in general

Aryaan - worked with Chris and helped with data visualization

Mary - worked on the presentation, slides, and the extension proposal; helped bring the block ids into the main dataset

Mahaveer -Extract Block IDs from Geocode API, file splits, organize the format of data to input to geocode api, and visualize datasets.