Events & Traffic Flow

**Team Members:**

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**Project Objective:**

We will be looking at trends in a specific geographical location between certain events and how they affect traffic flow.

**Methodology:**

We extract data from a traffic API which shows us real-time and past traffic statistics. Then we extract our second API which has events in certain geographical locations with certain items such as name, date, time and address. Once these data sets have been successfully scraped and cleaned, we will take these two API’s and link them together based on location and date. In conclusion, we can analyze these past trends and view traffic flow within a 5-mile radius of the location of a certain event.

**Hypothesis:**

The flow of traffic is affected by events in certain areas.

**Null:**

The flow of traffic is not affected by events in certain areas.

**Data Source:**

Traffic API -<https://data.cityofchicago.org/Transportation/Average-Daily-Traffic-Counts/pfsx-4n4m>

Events API- Work in Progress