iConsult Collaborative

Project Title

Illegal Car Parking Hotspots around Syracuse University

Program Manager
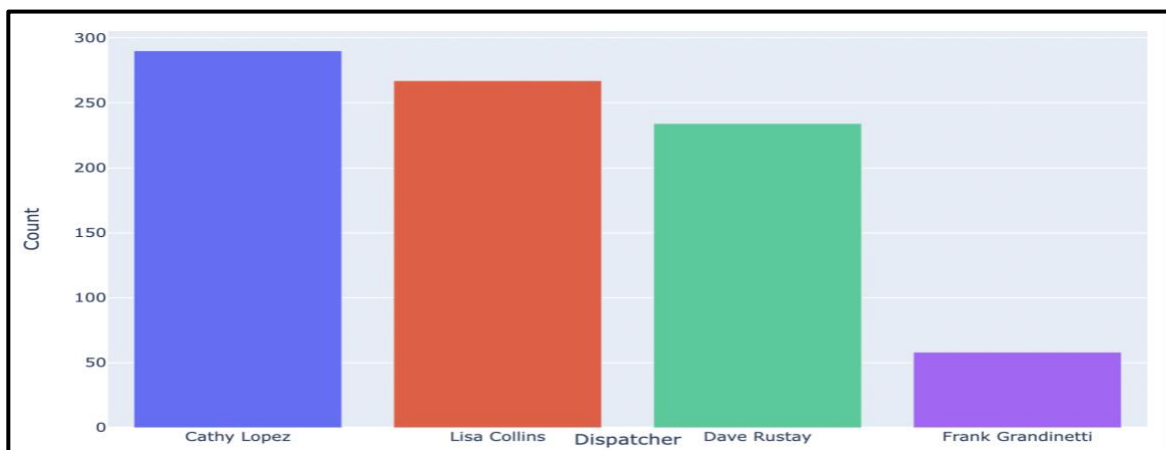
Chakshushri

Team Members

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Priya Rao
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Objective: To identify illegal car parking hotspots around Syracuse University as per the given data.

Inferences: Results obtained after visualizing the data were as follows:
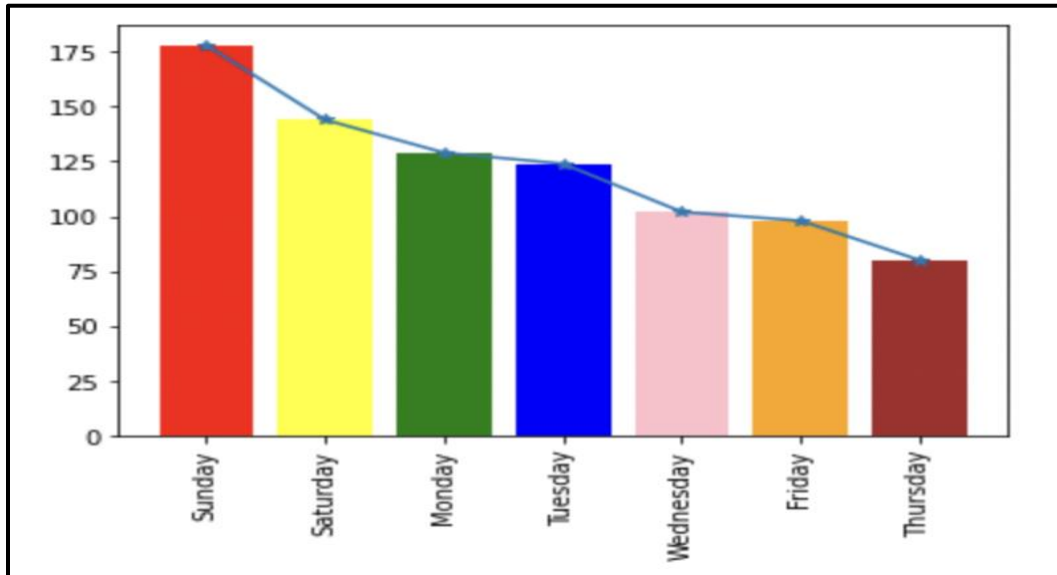
1. **Dispatchers**: Dispatchers that have done the most amount of work during the winter season are:

   - Cathy Lopez
   - Lisa Collins
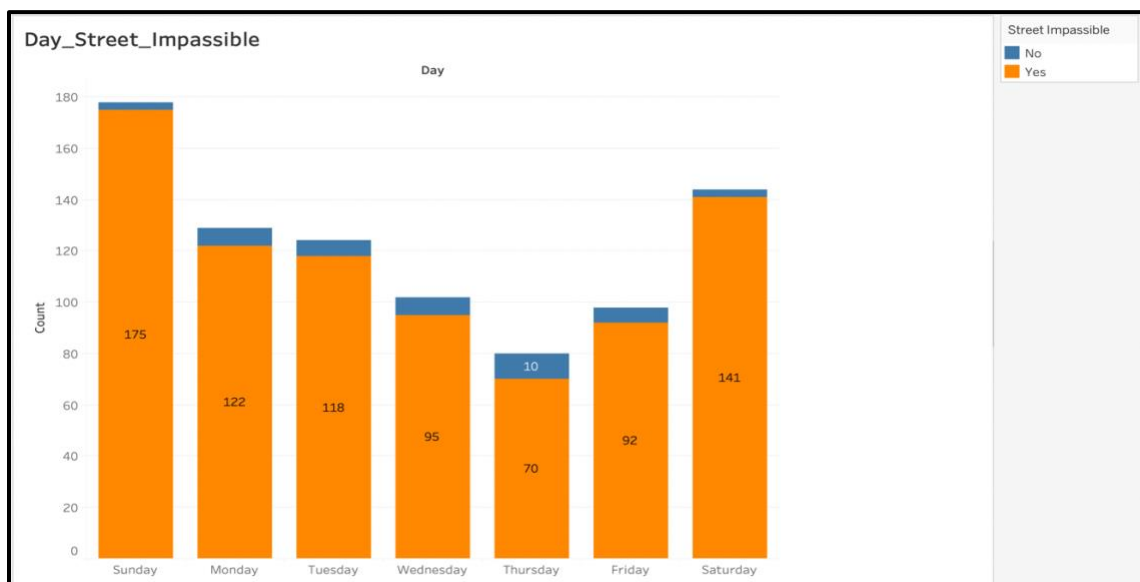   - Dave Rustay
   - Frank Grandinetti

2. **Day Analysis**: We extracted '**Day**' from the provided date to see which day is the busiest for the dispatchers.
   - As per the results obtained weekends are the busiest for dispatchers to take away the vehicles.
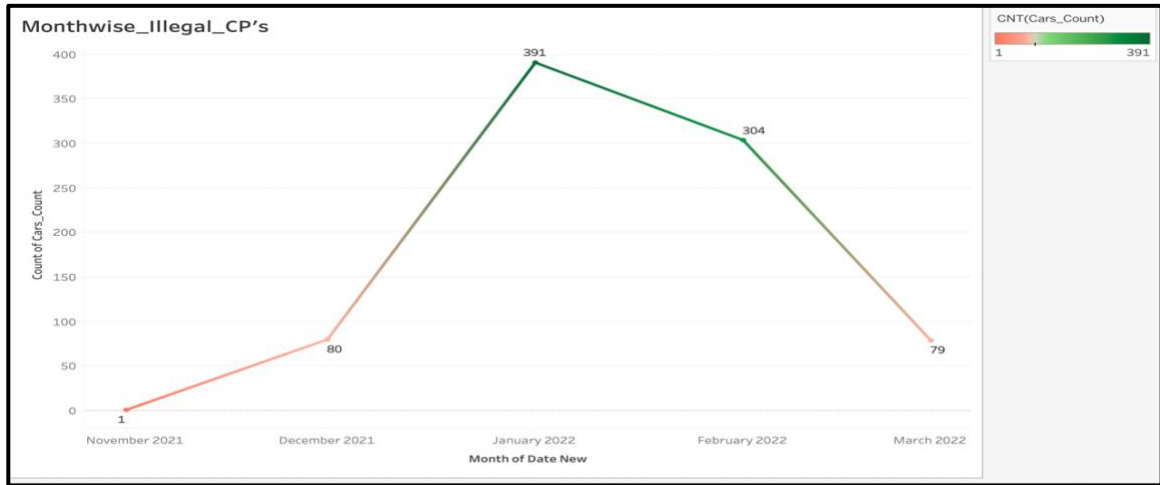   - **Sunday** around 178 vehicles were registered followed by **Saturday** with 144.

3. **Street Impassible**: We calculated the percentage of roads that got blocked due to vehicles being parked illegally along with the ones that were not blocked.

   - 5% of the streets were not blocked i.e., there were no illegally parked vehicles in that street as indicated in the blue color.
   - 95% of the streets faced an issue of being blocked due to vehicles being parked illegally in that street as indicated in the orange color.
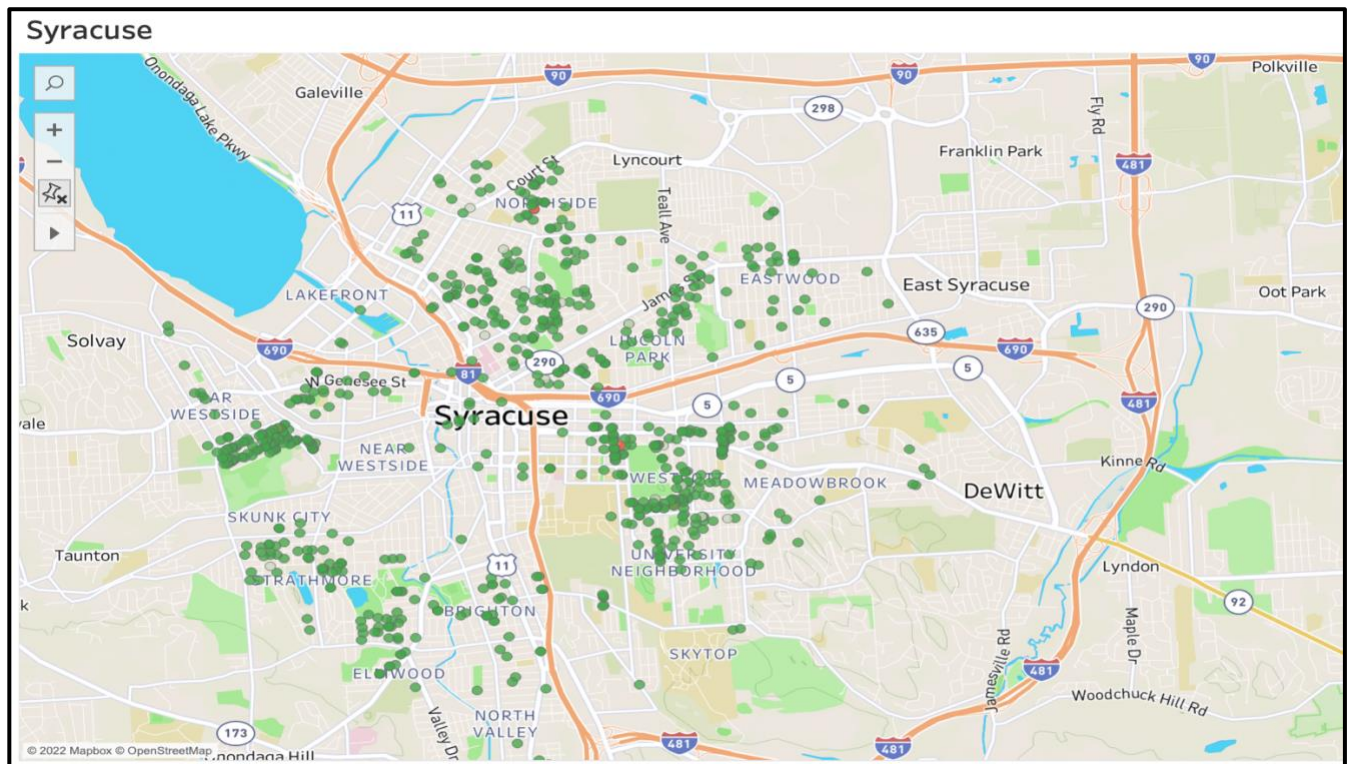
4. **Monthly Analysis**: Finding the month which had the most quantity of vehicles being dispatched.
   - January and February are having a sharp peak.

5. **Geographic Map**- As per the below map:

   - All the **green** spots indicate that there were 1-2 vehicles that were dispatched from the location.

- The **red spots** indicate that there were more than 2 vehicles that were dispatched.

- The locations where **red spots** are present are:

  - 1800 blk Butternut St-3
  - Lawrence St-4
  - Lilac St-3
  - Tennyson Ave-3
  - Madison St-3
  - Redfield Pl-3

- *All the red spots indicate hotspots.*