

## Sprint-1 Artifact

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### Database

NY Parking Violations:

<https://www.kaggle.com/new-york-city/ny-parking-violations-issued>

Size: 5.12 GB

Files: 3

### Known Data:

- Street Codes (Geographical street locations for the violations)
- Vehicle data (plate id, registration state, plate type, vehicle body)
- Violation type (post code, hydrant violation, double parking)
- Officer information (Precinct, officer, squad)
- Violator information (County of violator, time, first observed, house number, street name)
- Summons information (summons number)

Platform for client and HTTP Server;

- Web Application

Programming languages;

- HTML
- CSS
- JavaScript/Typescript
- Python

Frameworks:

- Flask (Python Rest API Framework)
- React.JS
- Express.JS
- Node.JS

Feature list (questions of interests)

- Most common types of violations
- Car brands that get a violation the most
- Frequencies of violations given based on time of day
- Frequencies of violations given based on month of the year
- Repeat offenders

- Frequency of violations per county