

The group is composed of a multidisciplinary group of journalists and data scientists: Cece Xiao, Iris Lee, Lena Renshaw, Gabriel Ritzk, and Harold Triedman. Our goal was to analyze a variety of datasets on Rhode Island's opioid crisis in order to visualize any trends hidden within the numbers. Journalists will then take our findings and contextualize them with human stories. Given the enormity of the project and the complexity of data, the group intends to continue working throughout the summer so that stories will be ready for publication in fall 2020.

We broke down the datasets into six different stories: (1) court data, (2) Dollars for Docs, (3) Injured Workers Pharmacy/mail-order pharmacies, (4) ARCOS dataset, (5) Rhodes Pharmaceuticals, and (6) Providence overdoses/emergency department visits/Naloxone use and distribution.

### **Project Stack:**

For collaboration, we utilized:

- Google Drive
- Google Colaboratory

For data analysis, we utilized:

- Python
- Pandas

For data visualization, we utilized:

- Matplotlib
- Tableau
- d3.js

For presentation, we utilized:

- Github pages

The page outlining our findings and displaying our visualizations can be found at <https://htried.github.io/opioid-journalism/51683a4d5705501cd25b927086d2ec088354fc55/index.html> (password: opioid-journalism).