

# Project Group 8: Visualizing Boston Police Complaints and Internal Investigations



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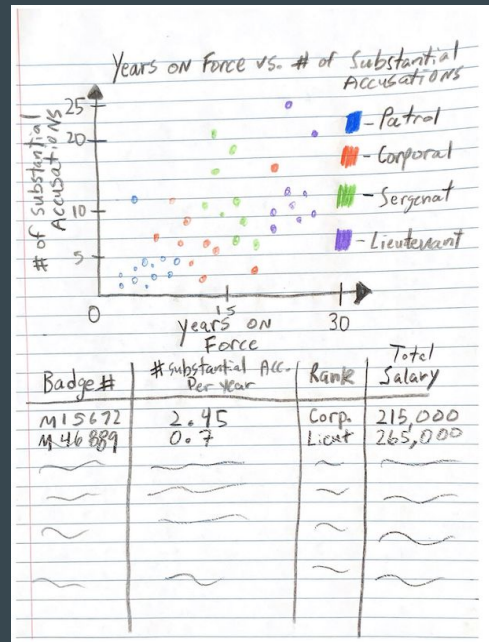
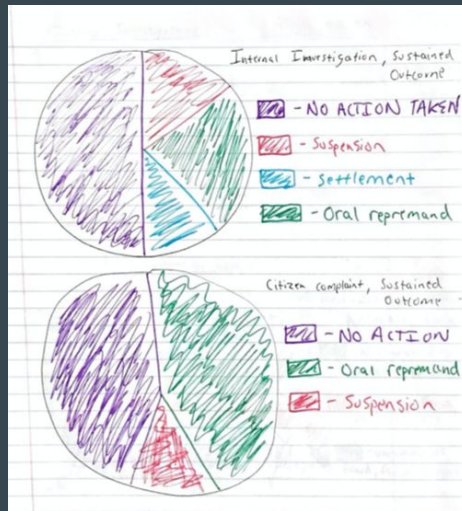
# The Project

- Social Justice Movement:
  - Holding police departments accountable for officer improper action
- Boston Police Task Force
  - Established June 12, 2020
- Our Partner: Jamarhl Crawford
  - Task force member
  - Boston resident
- Our Goal:
  - Visualizing BPD incidents



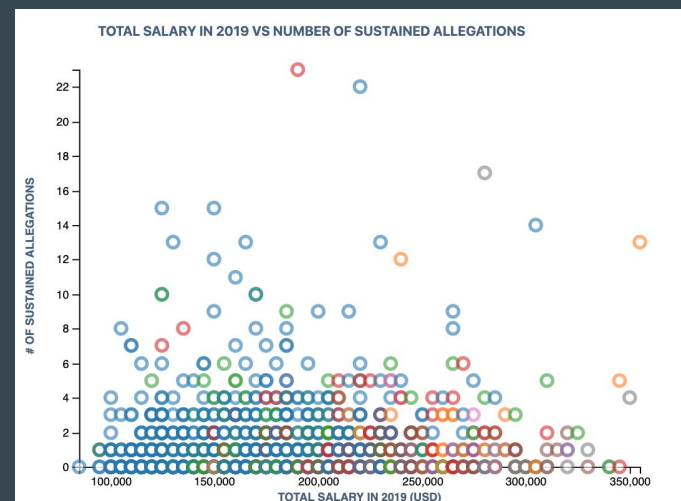
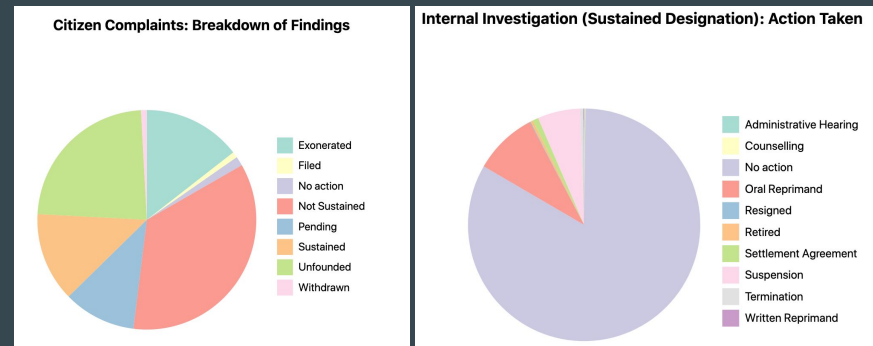
# The Data and Initial Sketches

- Initial Idea:
  - Breaking it down by officers
  - Realized it was widespread
- Woke Windows Project Data:
  - **Officers:**
    - Compensation (\$)
    - Rank
    - Years on Force
  - **Incidents:**
    - Internal Investigation or Citizen Complaint?
    - Action Taken by Boston Police Department



# Visualizations

- Pie Charts:
  - **Internal Investigations:**
    - Findings
    - Sustained Allegations Action Taken
  - **Citizen Complaint:**
    - Findings
    - Sustained Allegations Action Taken
- Scatterplots:
  - **Years on the Force vs. # of Sustained Allegations**
  - **Total Salary vs. # of Sustained Allegations**
- Key Features:
  - Tooltips
  - Filtering



# Key Features Interaction and Demonstration

GitHub Page: <https://neu-ds-4200-f20.github.io/project-group-08-bpd-incident-report/>

# Conclusions

- Internal Investigations vs. Citizen Complaints:
  - Internal Investigations are substantially more likely to be designated as sustained
- General Trends:
  - No action is being taken for all claims, including those marked sustained
  - Years on the force and compensation aren't associated with the number of sustained claims
- Future Work:
  - Closer look in demographic data of officers:
    - Gender
    - Age
    - Race/Ethnicity

**Thank you!**  
**Questions?**