ACLU Project Team 2
Deliverable 2

Presentation Recording (Password: !DO2Jd11):
https://bostonu.zoom.us/rec/share/AYM6TDxu0G8imP_Uvm8kuMl9rPm_iQyNVdAVufkpeRCIKp
u8CQdo0sYqgDsC0nyl.O4iCCQ94lbWej_Jq?startTime=1667842318000%20Passcode:%20!DO
2Jd11

Presentation Slides (Updated):
https://docs.google.com/presentation/d/1qVx9fPVJyr9wZA6uKeEr6oRT4z-AYBOAnrXqi9QJJD0/
edit?usp=sharing

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City Council Projects:

1. The Base Project includes a rigid, set scope with a clear end deliverable. The questions
    to be answered, wanted visualizations and visualization answers, are clearly outlined for
    the student to complete. You will present the findings from the Base Project (this is not
    your final report, but rather a draft). Make sure to answer the specific questions on your
    project document.

2. The end of the presentation must include the team's Extension Project. This is the
    opportunity for students to be creative with additional data sets and sources that they
    believe will tell an interesting story. The team should utilize this template for their
    proposal and incorporate it into their presentation. This will be pitched directly to the
    client, and they will have to sign off on the idea.

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TODO:
-   **Complete base questions**
    -   Draft graph designs
-   **Create extension project proposal**
    -   What do you guys want to look into?
-   **Create & present presentation**

Base Questions:
        Yellow is Deliverable 1
        Green is Deliverable 2
a. Total B PD Budget vs. previous year (for all questions)
        i.   Ryan
b. BPD Budget vs. other departments budgets + change over time
        i.   Ryan

    c. BPD Budget spend categories + change over time
        i. Zijie Li
    d. BPD proposed vs. adopted budget
        e. Ryan
    f. Number of police officers (compared to other boston employees)
        i. Zijie Li
    g. Number of police officers per 10,000 residents
        h. Ryan
    i. Number of police officers active, medical leave, etc.
        i. Hayden Rothman
    j. Employee compensation comparison to non-BPD employees
        k. Hayden Rothman
    l. Total overtime of top departments + over time
        m. Hayden Rothman
    n. Payroll distribution over time (base, overtime, retro, detail, etc.)
        Xiang Li
    o. Top 20 Earners (change from previous year)
        i. Xiang Li
    p. Top 20 Earners (OT, Base, Other)
        i. Hayden Rothman
    q. High level overtime analysis (base salary vs. overtime vs. other departments)
        r. Hayden Rothman
    s. # of employees vs. OT spend
        Xiang Li

Extension Proposal Template	
Extension Pitch	*This is an opportunity to get creative with additional data that you think would tell an interesting story. This is where you will propose your topic and include how it relates to the original dataset*
Rationale	*Why is this extension important? What information would this reveal? Why is it interesting to you and your team?*
Questions for Analysis	*What information do you hope to find based on looking at this additional data? What are you curious about? Do you have any hypotheses?*
Data Sets & Sources	*Include the dataset(s) you will be using and any additional information that will be used directly in the extension*

Data Visualizations	*Include a description of your proposed charts/ graphs for the final deliverable and axis for each*
Additional Information	*This could be any background information on the extension topic or useful information that could help with the analysis*

Extension Project Brainstorm:

- Look at OT Data
    - Issue:
        - We no longer have "Special events" OT data
        - We no longer have Court OT data
        - We don't have "OT hours" data, only "OT paid" data
    - Salary inequality across departments of the Boston City Budget
        - Analyze overtime using the same distinction
        - Also show number of employees using this

- MASS & CASS homeless encampment:
    https://www.wgbh.org/news/local-news/2022/09/26/boston-police-run-up-millions-in-overtime-at-mass-and-cass-homeless-encampment
        - "Mayor Wu issued a directive in January increasing the police presence"
        - Maybe check how the # of arrests have increased over time?
            Dataset
        - A lot of OT pay going to Mass & Cass homeless encampment
            - Check OT pay over time!
            - ISSUES:
                - We don't have "special events" OT data which includes Mass & Cass OT data
                - Last note on Spring 2021 project mentioned they were looking for 2021 Special Events OT data
        Useful graphs

- Fact or Cap: "High OT pay is due to few officers"
        - Look at correlation between OT pay and # of BPD cops
        - Technically we already have answer but we would just update graph

- Analyze police reform (Look at Mayor Wu & previous mayors)
    - https://www.michelleforboston.com/plans/police-contract-reform
    - https://www.wcvb.com/article/mayor-wu-rejects-dollar10-million-cut-to-boston-police-overtime-budget-fiscal-year-2023/40289529
    - https://dashboard.cityofboston.gov/t/Guest_Access_Enabled/views/BPDBESTDashboard/BESTDashboard?:showAppBanner=false&:display_count=n&:showVizHome=n&:origin=viz_share_link&:isGuestRedirectFromVizportal=y&:embed=y