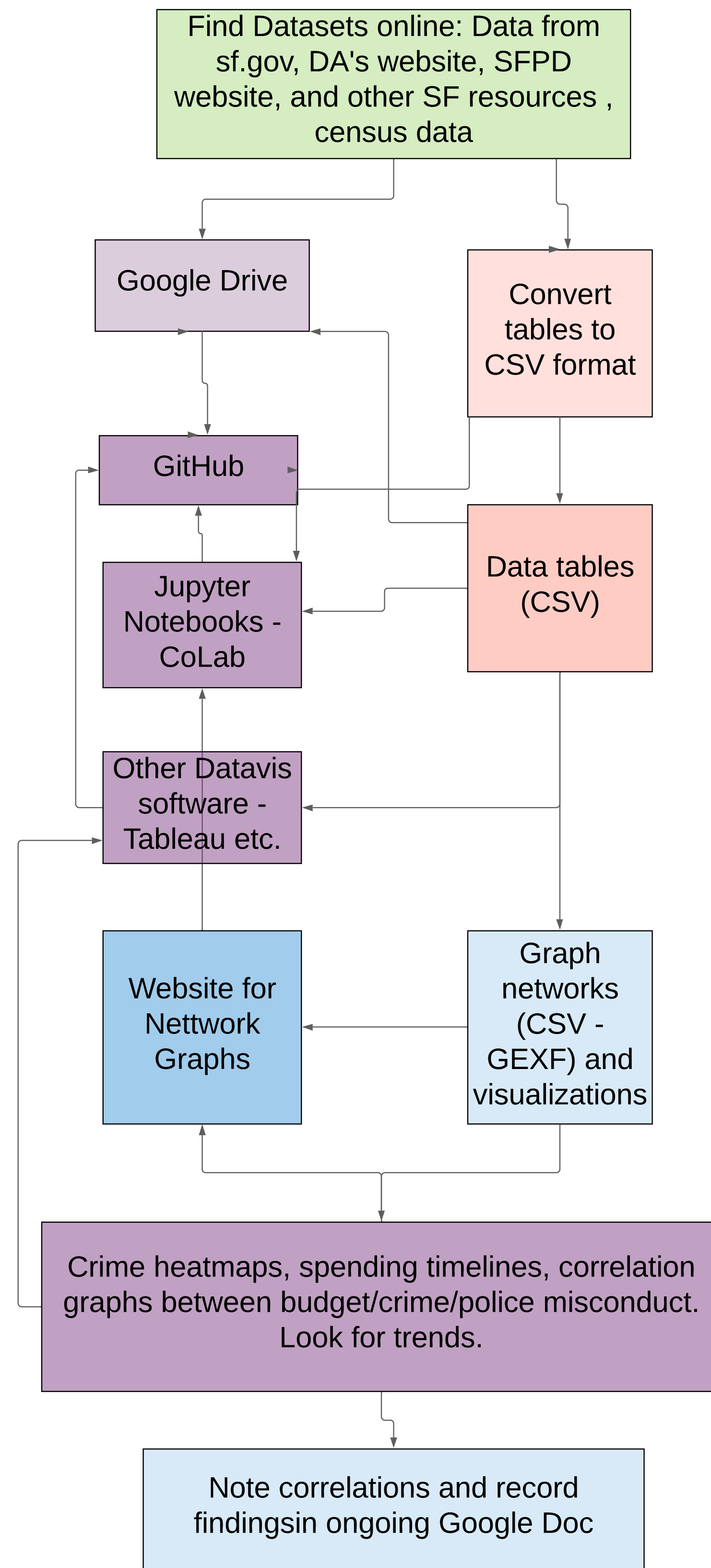


Storyboard - Draft 2

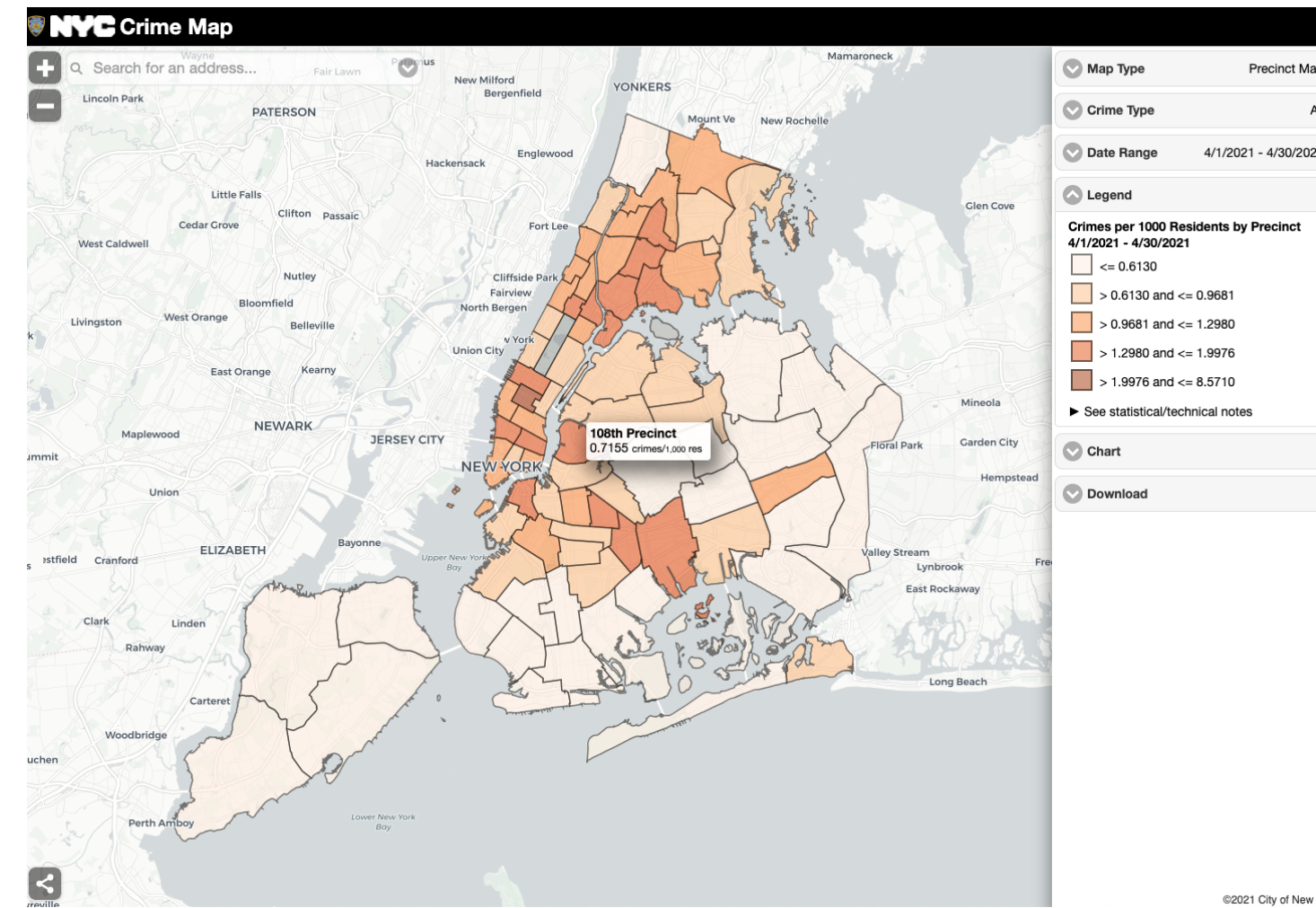
Workflow:



DH 100 Theory and Methods | Graham Galloway | June 6, 2021

Research Question:

What are the relationships between San Francisco's Police Budget, Felony Crime Statistics, and Police Misconduct Reports? (Perhaps narrow the date range to only a few years)

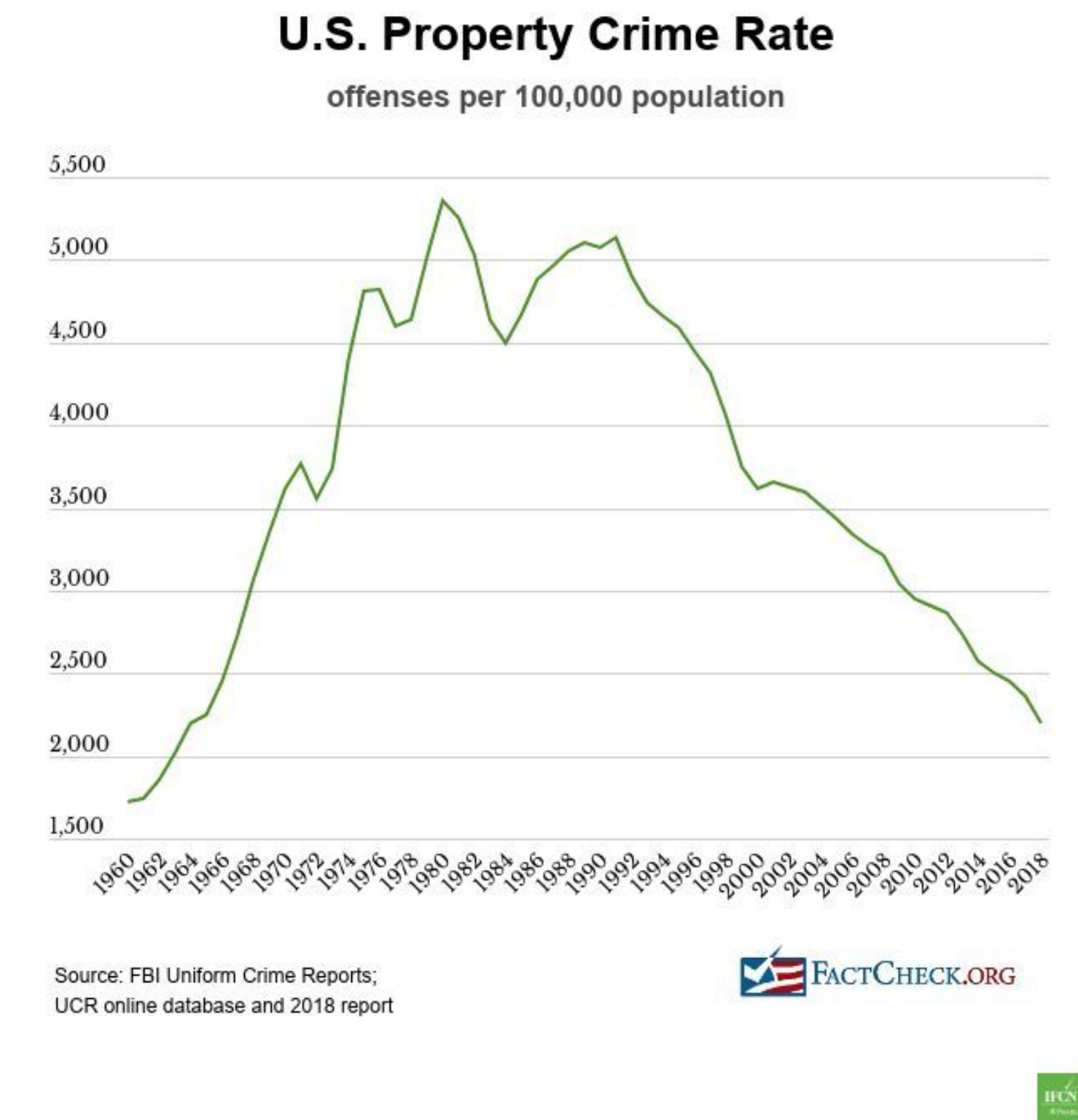


Source: <https://maps.nyc.gov/crime/>

Examples of visualizations



Source: Click hyperlink



Source: factcheck.org

Descriptions:

Data Sets:

I will be using publicly available data from SF Government resources. I will use publicly available crime data, police reports, spending data, and other data as needed.

My research question may be a little too broad at this point, but in response to last year's protests I want to study the police in my own city.

I want to see if higher police budgets actually correlate with lower crime rates and higher standards of policing.

Hypothesis: Higher spending on police alone will NOT correlate with lower crime rates and lower police misconduct report rates.

Tools:

- 1) Google Drive: I will be storing all my data on Google Drive to make it available accross devices and users
- 2) Jupyter Notewbook (Google CoLab): I will use Python to analyze my data and look for patterns. I will make some simple visualizations here too like budget timelines or graphs.
- 3) Other DataVis Software (Tableau, TBD): I will use more beginner software for more visualizations of data such as crime heatmaps

Discussion of your results:

I plan to use easy to read visualizations that show trends in SF over time.

Line graphs and heatmaps will be helpful in showing crime trends, especially for different types of crimes.

This is a HUGE topic, so I have to be careful not to make any leaps with conclusions and to understand that correlation does not necessarily mean causation.

I want to research more about SF crime trends and contributing factors to crim in my city.

Interpreting your results:

As stated above, conclusions will be hard to reach with this limited project, but some correlations can be noted.

So many factors contribute to crime rates that it's impossible to blame it on something as simple as police budget.

It's important to keep an open mind.

Conclusions

TBD!

Next Steps / Future Work:

I imagine that I will continue this research or need to look into more societal contributors to crime rates. Perhaps I could compare SF to other cities that took different approaches to policing. Perhaps I could look at imprisonment and recidivism rates as well.

Work Cited

include the work you are citing:

- 1) Still working on it!
- 2) Links to datasets in this google doc: