

1. A description of how you intend to get data. (Samyuktha)
2. A loose outline of your project. (Ian)
3. Five questions you hope to answer. These may be questions you are interested in or merely questions that you think the data is well-suited to address.

Impact on crime rates from global temperature rise specifically for the US

Pick 6 states

Northeast - Maine (90% forest) and Vermont

Southeast - Arkansas and Virginia

Southwest - New Mexico and Arizona

Northwest - Washington and Oregon

Pick 2 crimes - one violent and one non-violent

Murder - violent

Larceny/theft - non-violent

<https://www.ucrdatatool.gov/Search/Crime/State/RunCrimeStatebyState.cfm>(crime data tracker)

<https://www.ncdc.noaa.gov/climate-information/statistical-weather-and-climate-information>

Data:

1. Do rates of violent and non-violent crime increase in warmer states?
2. Can we reasonably predict the number of criminal cases in a state based on temperature and climate data?
3. What impact do outlier months (abnormally warm or cold months based on 50 year average) have on crime rates?
4. Do states that report more forest cover experience lower crime rates?
5. As temperatures continue to increase due to anthropogenic climate change, does our data predict that we can expect a rise in crime rates?