Title: Geospatial Analysis of Crime Rates

Team Members: Anton LeBeque, Ben Anderson, Emerson Zahab, Michael Pond, Mikel Miller, Richard Kemonou, Shauna Allen

Project Description/Outline:
Determine the crime rate hotspots through geospatial analysis. Find trends and correlation between hotspots and other factors such as unemployment rates and socioeconomic backgrounds. Determine types of crime committed in correspondence with location.

Research Questions to Answer:
Geospatial Analysis of Crime Hotspots: Are there identifiable hotspots for certain types of crimes within a city, and how do these hotspots change over time or during certain times of the day or week?
Do these crime hotspots correlate to unemployment rates?
Do these crime hotspots correlate to socioeconomic backgrounds?

Datasets to Be Used:
Crime Data API | CrimeoMeter
Available APIs (census.gov)

Rough Breakdown of Tasks:
Create general outlines together to form basis code.
Everyone picks a city and completes data collection that reflects our project description/outline.
Comparing cities and debugging as a group to answer our research questions.
Anton LeBeque - Virginia, Minnesota
Ben Anderson - Seattle, Washington
Emerson Zahab - Cleveland, Ohio
Michael Pond - Dallas, Texas
Mikel Miller - Missoula, Montana
Richard Kemonou - Indianapolis, Indiana
Shauna Allen - San Fransisco, California