

Team Name: TBD

Team Members:

Rohit Vakkalagadda (rv324@cornell.edu)

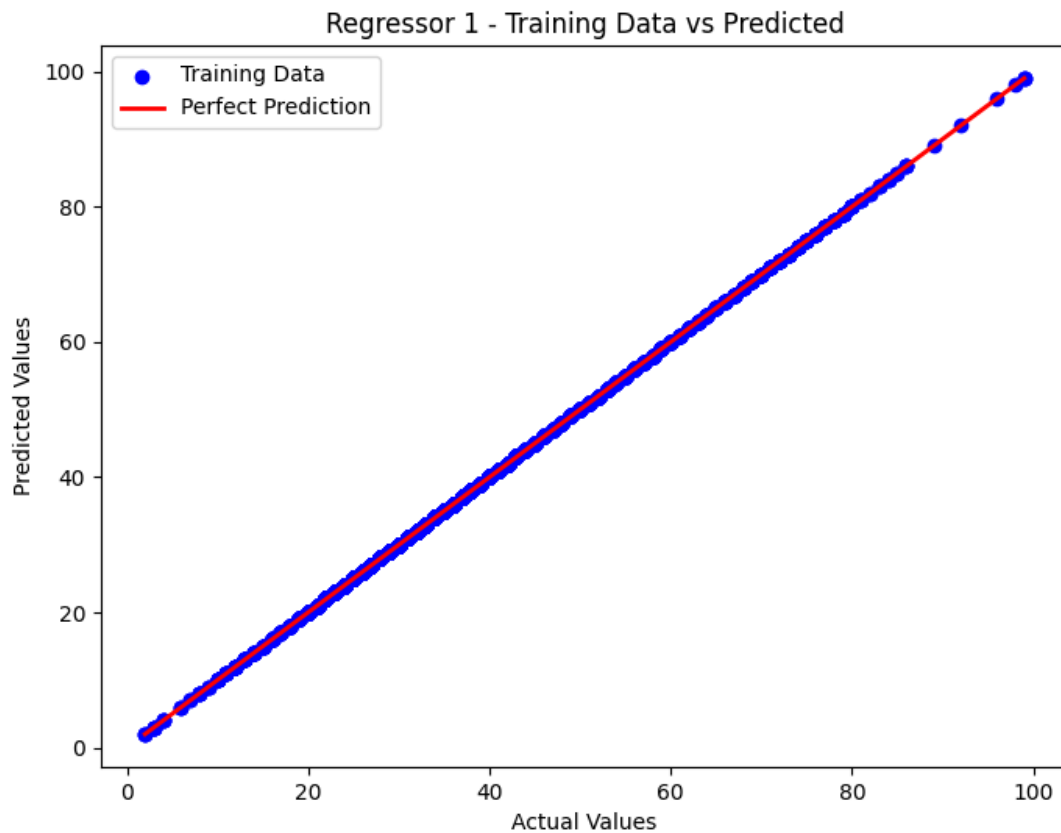
Kaitlyn Lu (kl995@cornell.edu)

Lucas He (th689@cornell.edu)

Project Manager: Andy He

What, if any, insights did you get from your PM meeting? How to construct meaningful graphs and visualizations.

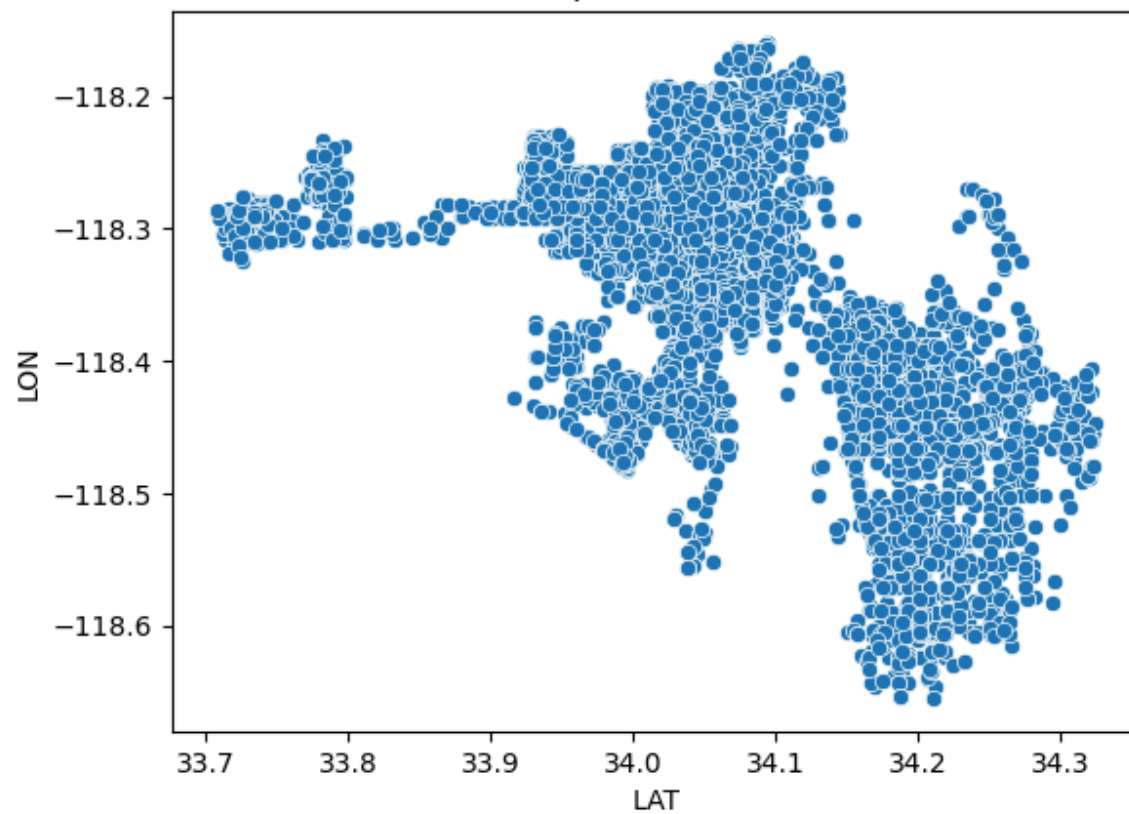
Graphs and Diagrams:

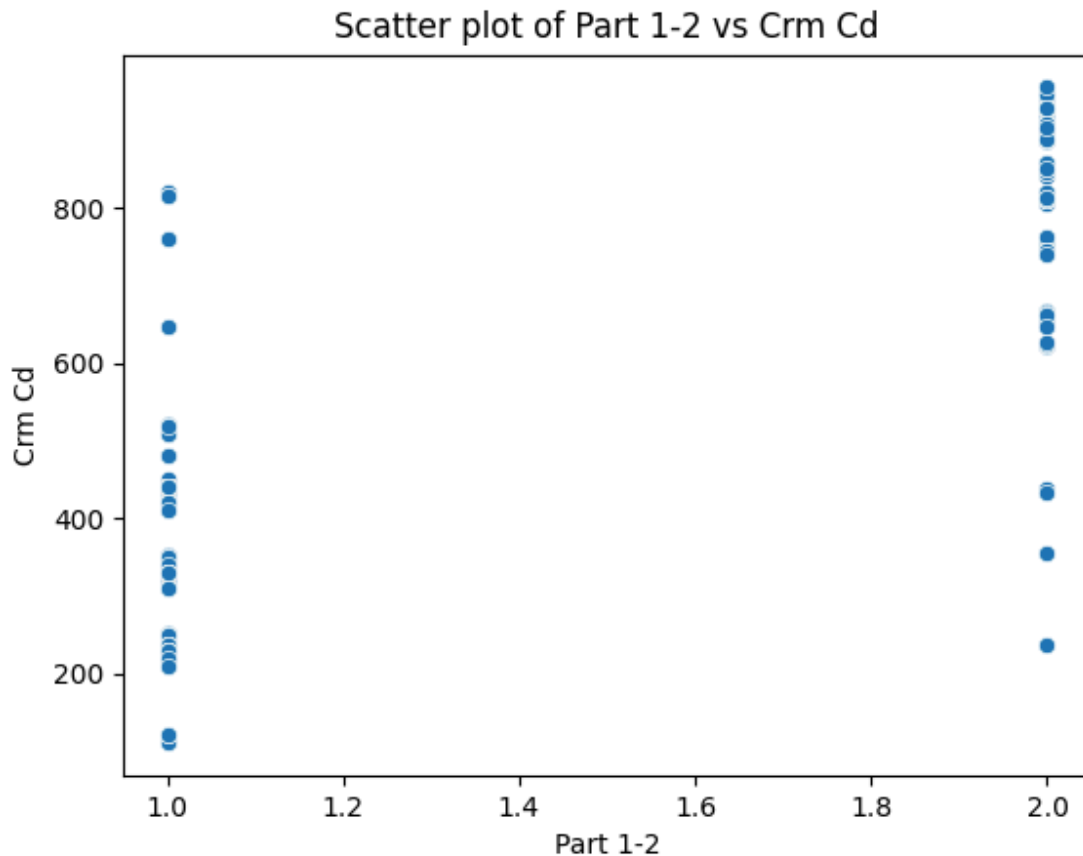






Scatter plot of LAT vs LON





What did you learn from linear regression?

- How to fit a data onto a line by minimizing a loss function. How to use this line to predict new data points for given x.
- What did you learn about your dataset?
 - Many columns are uncorrelated or perfectly correlated. Many columns have numerical data that is completely uncorrelated and random (like serial number)
- What is the question you are interested in exploring? What do you need to do to start answering it?
 - We want to find meaningful patterns in the crime data. One thing we may focus on is the geographic data since the location graph seems to show promising results.
- What challenges arose this week?
 - Our data columns were either extremely uncorrelated or completely correlated ($r=0$ or $r=1$), resulting in graphs that were already linear or no relationship. This caused our regressions to not give meaningful results
- What went well?
 - Linear Regression algorithm worked as intended, even if the results weren't perfect

Team Signatures:

Rohit Vakkalagadda

Kaitlyn Lu

Lucas He