**What has been done so far:**

**Dataset selection**:

Crime in Chicago>Boston and Vancouver

**RStudio:**

Using R libraries, we plotted the seed points and found the Optimal number of clusters for k means clustering algorithm using Elbow Method.

We then plotted the density/rate of each crime category for each district, which showed us the types of crimes more prevalent in the state and also in a particular district.

**Facebook Prophet:**

The parameter which is the most effective in the prediction of crime rate was determined for Facebook Prophet using data frames and their transformations in Jupyter Notebooks.

**What can be done by tomorrow:**

The results obtained from the plotting analysis and prediction can be integrated with front end technologies using flask framework.

Facebook Prophet will be used for the crime rate prediction for the next few years based on the data analysed and the parameter chosen so far.