

The data

The San Francisco City Police Department has provided the data scientist raw crime information from their database. It consists of a csv file containing over 150,000 crimes of various types recorded in 2016. Each crime incident has its detailed date, time, location, geographic coordinate information and the data scientist will filter out relevant crime type for this analysis, get the venue information (via Four Square API) for each crime location and conduct detailed analysis to derive business insight and answer the police department's question.