# The Problem:

Los Angeles is a city that never sleeps, a city of millions of people and a city with a reputation for high criminality. While the LAPD is struggling to recruit new Officers (NBC Los Angeles, Leonard) reports of residents come in waiting for Police responses for longer than anticipated due to a stretched force. It has gotten so bad that some officers won't respond to crimes that seem minor or simply not worth it. Retail-thefts run into stores knowing well they are able to likely get away. This causes fear and frustration within the community. While there are hundreds of crime codes, this project will focus on robberies, thefts and burglaries.

One of the problems is that a lot of crimes have to do with theft but turn into something more tragic. In the middle of the night, a well-known actor was shot and killed in Downtown Los Angeles after confronting 3 individuals trying to steal a catalytic converter. A lot of crimes are involving weapons and seem to originate from thefts or burglaries.

While crime reports only focus on one crime most of the time, it seems like reports of how crime rates in the city develop over years go up and down and don't give us a clear insight of the main issues that residents are dealing with.

# The Solution

With the introduction of security home cameras and other inventions, homeowners and residents can protect themselves a little better, but how safe are they really when it comes to crimes like robbery, theft and burglary. These are often conducted by organized gangs.

In this attempt we will look at the crime report history data of the LAPD starting from 2010 to Present. We want to indicate trends in theft such as can we see an increase in those crimes based on some criteria's such as age, race, and location, how likely is it for some residents to face one of those crimes while living in a certain area.

While residents can only do so much, it is a great way to use the data to find insights which areas seems to have theft involving a weapon, how many arrests are

actually made, what is the trend in theft and robberies really and is it possible to indicate hotspots based on the data.

Residents would feel better to know how likely they might be a victim of car theft in the area they live in so they could take actions to not let that happen.

We all know that crime will always be around, we can't stop it nor can we pinpoint when exactly someone will be the vicitim of those crimes, but we can analyze known data patterns and try to make the streets a little safer based on our data.