

## Data Description

In this section I will describe the data that will be used to analyses and predict the best places and neighborhood The following Data have 27 attributes

Attribute	Description
Incident Datetime	The date and time of the incident
Incident Date	The date of the incident
Incident Time	The Time of the incident
Incident Year	The year the incident occurred
Incident Day of Week	The day the incident occurred

<b>Report Datetime</b>	<b>when the report was filed</b>
<b>Row ID</b>	<b>Identifier for the data set</b>
<b>Incident ID</b>	<b>identifier for incident reports</b>
<b>Incident Number</b>	<b>number issued on the report</b>
<b>CAD Number</b>	<b>Computer Aided Dispatch Number</b>
<b>Report Type Code</b>	<b>This code is used for the report types</b>
<b>Report Type Description</b>	<b>The description of the report type</b>

<b>Filed Online</b>	<b>Reports that are filed online</b>
<b>Incident Code</b>	<b>Code is used to describe the type of the incidents</b>
<b>Incident Category</b>	<b>Category mapped with incident code</b>
<b>Incident Subcategory</b>	<b>Subcategory mapped with incident code</b>
<b>Incident Description</b>	<b>description of the incident</b>
<b>resolution</b>	<b>resolution of the incident at the time of the report</b>
<b>Intersection</b>	<b>street names that intersect closes to the incident</b>

<b>CNN</b>	<b>identifier of the intersection</b>
<b>Police District</b>	
<b>Analysis Neighborhood</b>	
<b>Supervision District</b>	<b>The districts are numbered</b>

We will use some machine learning model such as decision tree and k means to and also we will use for the square api that will help us to solve our problem