**Crime in Los Angeles – Project 2 Data Visualization Dashboard**

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1. **Dataset Description**

The main dataset in use in this project is a picture of the crime’s occurrences in Los Angeles between 2010 and 2019. This same data can be found in Kaggle using [1], where a table with 2.12 million records is available for download.

The dataset contains 28 columns that vary from dates, location, crime description and victim’s information, such as age and gender. Although it is quite extensive in terms of features, the authors used only few of the available ones to get information like ‘Date Occurred’, ‘Area’, ‘Latitude’ and ‘Longitude’.

Apart from this dataset, the authors also resorted to the Los Angeles Police Department database in order to retrieve each area’s population and the square miles area of each area.

[Philipp please complete this last paragraph with the cases in which the median was used. Also, the next one should concern the ethnicities data that you used.]

1. **Visualizations and Interaction**
2. KPIs / Big Numbers

In terms of visualizations, the first thing the reader will see are 3/4

1. Crime in Los Angeles - Choropleth / Map

Describe it

1. Top 10 Most Common Crime Types – Bar Chart

Describe it

1. Line Chart

Describe it

1. Average Number of Reported Crimes per … - Bar Chart

Describe it

1. Ethnicity Distribution – Ring Chart

Describe it

1. Interactions
2. **Discussion**
3. **References**

[1] https://www.kaggle.com/chaitanyakck/crime-data-from-2020-to-present/version/5?select=Crime\_Data\_from\_2010\_to\_2019.csv