A. Data Description:

URL: https://data.lacity.org/Public-Safety/Crime-Data-from-2020-to-Present/2nrs-mtv8

The dataset presents LAPD crime data spanning from 2020 to 2023, comprising approximately 686,000 records and 22 columns. This data is transcribed from original crime reports that are typed on paper and therefore there may be some inaccuracies within the data. Each row represents a single crime incident. Missing location data is indicated as (0°, 0°), and to protect privacy, address information is only provided up to the nearest hundred block.

The columns Date & Time occurred gives us details on date and time of the crime occurred, using which we can find out which day and which time of the day was most sensitive.

The column labeled "status" provides information on the status of the crime, such as AA, AO, CC, IC, JO, and JA. The JO and JA statuses are updates related to juvenile crimes, and the presence of these statuses in the dataset enables us to differentiate between crimes committed by adults and those committed by juveniles.

The "location", "latitude" and "longitude" columns detail regarding the location of the crime.

Additionally, to properly represent the areas of crime, we have categorized the Bureaus as per *[Error! Reference source not found.]* LAPD comprises four significant bureaus - Central, Valley, South, and West Bureau - and a total of around 21 divisions operating under these bureaus. These regions have been divided into four bureaus using the "create group" function in Tableau.

Area Name	Bureau
Central	Central
	Hollenbeck
	Newton
	Northeast
	Rampart
Valley	Devonshire
	Foothill
	Mission
	North
	Topanga
	Van Nuys
	West Valley
South	77th Street
	Harbor
	Southwest
	Southeast
West	Hollywood
	Pacific
	West LA
	Wilshire
	Olympic

Columns Description:

Column Name	Description
Date Rptd	mm/dd/yyyy
DATE OCC	mm/dd/yyyy
TIME OCC	In 24-hour, military time.
AREA	The LAPD has 21 Community Police Stations referred to as Geographic Areas within the department. These Geographic Areas are sequentially numbered from 1-21.
AREA NAME	The 21 Geographic Areas or Patrol Divisions are also given a name designation that references a landmark or the surrounding community that it is responsible for. For example, 77th Street Division is located at the intersection of South Broadway and 77th Street, serving neighborhoods in South Los Angeles.
Rpt Dist No	A four-digit code that represents a sub-area within a Geographic Area. All crime records reference the "RD" that it occurred in for statistical comparisons. Find LAPD Reporting Districts on the LA City GeoHub at
Crm Cd	Indicates the crime committed. (Same as Crime Code 1)
Crm Cd Desc	Defines the Crime Code provided.
Vict Age	Two character numeric
Vict Sex	F - Female M - Male X - Unknown

Vict Descent	Descent Code: A - Other Asian B - Black C - Chinese D - Cambodian F - Filipino G - Guamanian H - Hispanic/Latin/Mexican I - American Indian/Alaskan Native J - Japanese K - Korean L - Laotian O - Other P - Pacific Islander S - Samoan U - Hawaiian V - Vietnamese W - White X - Unknown Z - Asian Indian
Premis Cd	The type of structure, vehicle, or location where the crime took place.
Premis Desc	Defines the Premise Code provided.
Weapon Used Cd	The type of weapon used in the crime.
Weapon Desc	Defines the Weapon Used Code provided.
Status	Status of the case. (IC is the default)
Status Desc	Defines the Status Code provided.
Crm Cd 2	May contain a code for an additional crime, less serious than Crime Code 1.
LOCATION	Street address of crime incident rounded to the nearest hundred block to maintain anonymity.
Cross Street	Cross Street of rounded Address
LAT	Latitude
LON	Longitude