

Crime Data

<https://www.kaggle.com/datasets/utkarsh1093/crime-data-from-2020-to-nov2025>

Contains records of crimes reported to the LAPD between 2020 to now (November 2025)

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28 Columns

~ 1 000 000 rows

Column categories

- type of crime
- when and where it occurred
- victim's demographic details
- the weapon used
- status of the investigation

Approach on Analysis

- Due to the complexity and no knowledge in the street of LA Location data will be dropped for analysis
- Analysis will mainly focus on victim, weapon and temporal data
- If the dataset proves to large for handling, either certain crime types or part of the data will be dropped

- DR_NO: Unique LAPD incident number used to identify each crime report.
- Date Rptd: The date the crime was reported to the police.
- DATE OCC: The date the crime occurred.
- TIME OCC: Time of occurrence in 24-hour format.
- AREA: Numerical code for the LAPD geographic division where the incident occurred.
- AREA NAME: Name of the LAPD division (for example, N Hollywood, Central, Pacific).
- Rpt Dist No: Reporting district number, representing a smaller neighborhood unit within an LAPD area.
- Part 1-2: Crime classification category.
 - Part I includes serious crimes such as homicide, robbery, burglary, and aggravated assault.
 - Part II includes less severe offenses such as fraud, vandalism, and simple assault.
- Crm Cd: Numeric code identifying the primary crime.
- Crm Cd Desc: Description of the primary crime type (for example, Theft of Identity, Burglary, Simple Assault).
- Vict Age: Age of the victim.
- Vict Sex: Sex of the victim (Male, Female, Unknown).
- Vict Descent: Victim's descent or ethnic background (for example, Hispanic/Latin/Mexican, White, Black, Asian).
- Premis Cd: Numeric code for the type of location where the crime occurred.
- Premis Desc: Description of the premise or location type (for example, Sidewalk, Single Family Dwelling).
- Weapon Used Cd: Numeric code for the weapon used, if any.
- Weapon Desc: Description of the weapon used (for example, Knife, Handgun, Unknown).
- Status: Case status code.
- Status Desc: Full description of the case status (for example, Invest Cont, Adult Arrest, Juvenile Arrest).
- occ_year: Year extracted from DATE OCC.
- occ_month: month extracted from DATE OCC.
- occ_date: Day of the month extracted from DATE OCC.
- occ_day: Day of the week of the occurrence date (for example, Mon, Tue, Sat).