

## First Project (Proposal)

### SDAIA T5 Bootcamp

## Innocent Deaths Caused by Police in US

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### Introduction:

Police's job is to maintain safety, apply laws, help with emergency incidents, solve crimes and protect people and their properties. Nevertheless, there has been incidents in which an individual meets death during an encounter with law enforcement officials. The majority of encounters occur as a result of police homicide, as when officers shoot a person who is presenting a lethal threat to them or others. However, there are other types of encounters that do not involve acts of police homicide, but in which police are otherwise involved or are present. Examples include a vehicle crash during a police chase or a suicide in a barricade situation.

### Resource:

I got the dataset from Kaggle website

<https://www.kaggle.com/kannan1314/innocent-deaths-caused-by-police-all-time>

### Description of Dataset:

Number of Rows: 30861

Number of Columns: 27

| Feature   | Description                          |
|-----------|--------------------------------------|
| Unique ID | Unique ID for the case of incidents  |
| Name      | Name of the victim of innocent death |
| Age       | Age of the victim                    |

|   |  |
|---|--|
| <b>Race</b>   | Race of victim                                     |
| <b>URL of image</b>   | Image of the victim or source of news              |
| <b>Date of injury resulting in death (month/day/year)</b>     | Date at which day the injury occurred              |
| <b>Location of injury (address)</b>                           | Address of injury                                  |
| <b>Location of death (city)</b>                               | City where the incidents occurred                  |
| <b>State</b>  | At which state the victim was killed or murdered   |
| <b>Location of death (zip code)</b>                           | Location of death provided by zip code             |
| <b>Location of death (county)</b>                             | Location of death in specified by country          |
| <b>Full Address</b>   | Full address contains street name, city            |
| <b>Latitude</b>   | Location provided by latitude                      |
| <b>Longitude</b>  | Location provided by longitude                     |
| <b>Agency or agencies involved</b>                            | Agency or agencies involved in the incident        |
| <b>Highest level of force</b>                                 | Type of force used at the incident                 |
| <b>Alleged weapon</b>   | NaN  |
| <b>Aggressive physical movement</b>                           | NaN  |
| <b>Fleeing/Not fleeing</b>                                    | NaN  |
| <b>Description Temp</b>                                       | NaN  |
| <b>URL Temp</b>   | NaN  |
| <b>Brief description</b>                                      | Brief description about the incident of the victim |
| <b>Dispositions/Exclusions INTERNAL USE, NOT FOR ANALYSIS</b> | -  |

|   |  |
|---|--|
| <b>Intended use of force (Developing)</b> | This describe whether the use of force was intended by police or not |
| <b>Supporting document link</b>           | Documents supporting the incidents happened                          |
| <b>Foreknowledge of mental illness</b>    | This indicate whether the victim was on drug or not                  |

### Tools:

- Jupyter
- Pandas
- Matplotlib
- Word
- Numpy
- Github

### Questions this project will answer:

- 1- Number of victims male and female?
- 2- Where did the most incidents happened by State, City, Country?
- 3- Race of victims?
- 4- The most age victims were killed at?
- 5- The most agency involved?