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: 30860
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

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

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

Tools:
- Jupyter
- Pandas
- Matplotlib
- Warnings
- Word
- Numpy
- Github
- Seaborn
- Prezi to present the project

Questions this project will answer:

1- The most age victims were killed at?
2- Highest victims killed by Gender?
3- Total number of people killed by Race?
4- Where did the most incidents happened by City?
5- Where did the most incidents happened by State?
6- The most agencies caused innocent deaths?
7- What is the highest level of force used?
8- Is there a foreknowledge of mental illness of the victim?