

US POLICE SHOOTINGS FROM 2015-2022

Dashboard link:

https://datastudio.google.com/u/0/reporting/e1b209c0-7772-4492-b681-bc9f305e6684/page/p_w701q1960c/edit

Data Source: <https://www.kaggle.com/datasets/ramjasmaurya/us-police-shootings-from-20152022>

Data Preview Query:

```
SELECT * FROM `copper-vertex-368620.dbms_final_project.us_police_shootings_2015-2022`
```

Age Clustering Query:

```
SELECT case when age <= 14 then "Children (0-14)"
when age > 14 and age <= 24 then "Young Group (15-24)"
when age > 24 and age <= 64 then "Adult Group (25-64)"
when age > 64 then "Elderly Group >64"
else "null" end age_group, Count(*)
FROM `copper-vertex-368620.dbms_final_project.us_police_shootings_2015-2022`
group by age_group
```

Time Series Query:

```
SELECT date, count(*) count FROM `copper-vertex-368620.dbms_final_project.us_police_shootings_2015-2022`
group by date
```

Gender Clustering Query:

```
SELECT gender, count(*) count FROM `copper-vertex-368620.dbms_final_project.us_police_shootings_2015-2022`
group by gender
```

Race Clustering Query:

```
SELECT race, count(*) count FROM `copper-vertex-368620.dbms_final_project.us_police_shootings_2015-2022`
group by race
```

State Clustering Query:

```
SELECT state, count(*) count FROM `copper-vertex-368620.dbms_final_project.us_police_shootings_2015-2022`
group by state
```

Google Map Heatmap Query:

```
SELECT city, CONCAT(latitude," ", longitude)latlong, count(*) count FROM `copper-vertex-368620.dbms_final_project.us_police_shootings_2015-2022`
group by city, latlong
```

Conditions used to obtain the main objective:

```
where armed = "unarmed" and flee = "Not fleeing" and threat_level in ('other','undetermined') and body_camera is false
```