CRIME & SAFETY ANALYTICS
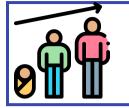## - recorded across several U.S. states

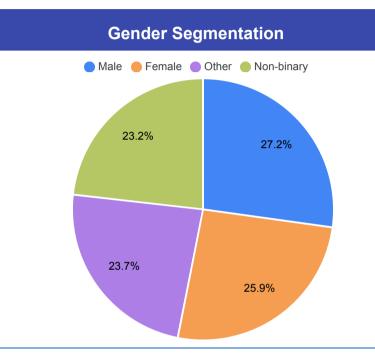| crime_type ▾ | victim_age ▾ | This dashboard is cross-filtering enabled |

Total Records 1,000
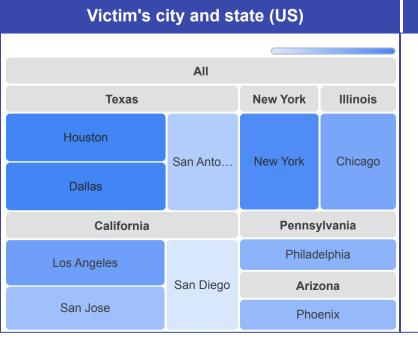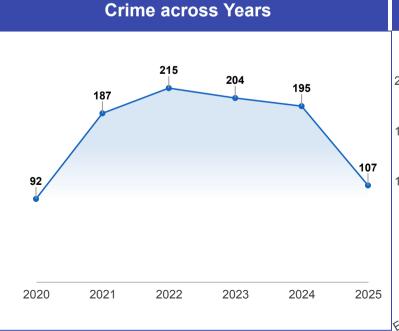
Min. Victim age 12
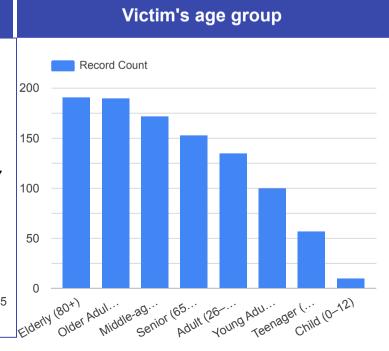
Total Cities recorded 10

Total States Recorded 6

Gender Segmentation

● Male ● Female ● Other ● Non-binary

- 27.2% Male
- 25.9% Female
- 23.7% Other
- 23.2% Non-binary

Victim's race vs Crime type

crime_type / Record Count

victim_race	Burglary	Domestic ...	Homicide	Robbery	Arson	Assault	Vandalis
Other	23	25	22	16	24	20	
Asian	25	22	23	32	17	18	2
White	31	27	12	18	23	17	1
Hispanic	15	25	28	15	15	20	1
Black	27	22	16	20	19	22	1
Grand total	**121**	**121**	**101**	**101**	**98**	**97**	**9**

Victim's city and state (US)

All		
Texas		**New York**	**Illinois**
Houston	San Anto…	New York	Chicago
Dallas			
California		**Pennsylvania**	
Los Angeles	San Diego	Philadelphia	
San Jose		**Arizona**	
		Phoenix	

Crime across Years

- 2020: 92
- 2021: 187
- 2022: 215
- 2023: 204
- 2024: 195
- 2025: 107

Victim's age group

● Record Count

Age groups (left to right): Elderly (80+), Older Adul…, Middle-ag…, Senior (65…, Adult (26–…, Young Adu…, Teenager (…, Child (0–12)

1. **Business Problem**:
 Local governments and police departments across six US states collected data from 10 cities to identify -
* crime trends,
* at-risk victim groups, and
* crime hotspots from 2020 to July 2025.

2. **The objective** was to provide clear insights on:
* Who are the most targeted victim groups?
* Which crime types are most prevalent?
* How do crime patterns vary across states and time?
* What actionable recommendations can be made for prevention?

2. **Data Overview** Source: Kaggle (cleaned and transformed)
* Records: 1000 crime
* incidents Time period: Jan 2020 – July 2025
* Locations: 6 US states,
* 10 major cities

3. **Data Cleaning & Preprocessing** (Excel: IF, VLOOKUP for age grouping, state mapping)
Added Victim Age Group (Child, Teenager, Young Adult, Adult, etc.) based on numeric age
Expanded State abbreviations to full state names
Uploaded cleaned Excel dataset into Google Data Studio for visualization
Data Cleaning & Preprocessing (Excel: IF, VLOOKUP for age grouping, state mapping)

4. **Interpretation**-
- Victim Gender Distribution - Female: 26.5% Male: 26.3% Non-binary: 24% Other: 23.2% concludes that Crime affects all genders almost equally.
- Victim Race & Crime Type: Major races affected: White, followed by Asian and Black Major crime types: Burglary, Domestic Violence, Homicide, Robbery which states that White victims most impacted; burglary and domestic violence are the highest crime types.
- Victim Age Group Analysis
* Elderly (80+ years): 190 victims
* Older Adults (51–65 years): 189 victims
* Middle-Aged Adults (36–50 years): 171 victims
* Conclusion: Seniors and older adults are most vulnerable (likely due to reduced physical strength and ability to resist).
- State-wise Crime Distribution
* Texas: 307 incidents
* California: 290 incidents
These two states account for the highest number of recorded crimes.
- Crime Trend Over Time (2020–2025)
* 2020: 92 incidents
* 2021: 187 incidents
* 2022: 215 incidents
* 2023: 204 incidents
* 2024: 195 incidents 2025 (half-year): 107 incidents (projected full year ~214)
* Conclusion: Gradual rise in crime incidents over years with slight dips; 2025 may continue the trend.

- Key Insights

* *Crime is evenly distributed across genders* → targeted prevention must cover all demographics.
* *Seniors (80+) and older adults (51–65) are at higher risk* → likely due to *vulnerability to physical attacks and lack of mobility*.
* *Burglary, domestic violence, and homicide* are consistently the *top crimes*.
* *Texas and California* are significant hotspots needing *immediate attention*.
* Crime has *shown an upward trend* overall *since 2020*.

- Recommendations

* *Increase police patrolling* and surveillance in *Texas and California* urban areas.
* *Launch community support* and *protection programs* targeted at *elderly and older adults*.
* *Implement domestic violence prevention programs* and victim support services.
* Develop *gender and race inclusive community safety awareness* campaigns.
* Use this analysis to guide resource allocation and crime prevention task forces.