
Tracking San Francisco Smash-and-Grabs

Background and Data Acquisition

“SMASH-AND-GRABS” / “BIPPING”

LARCENY FROM VEHICLES

BACKGROUND

As of May 5, 2025, there have been 1,964 car break-ins in San Francisco

~15 break-ins per day

OBTAINING DATA

- Source: data.sfgov.org
- JSON-format, API
- SQL Query with \$limit and \$offset parameters

Police Department Incident Reports: 2018 to Present

Download file

API endpoint

Data format

JSON

☒ All data (953902 rows)



Default API limit exceeded

Our API has a default limit of providing 1,000 rows. [Learn more](#) about how you can modify the default limit.

API endpoint

<https://data.sfgov.org/resource/wg3w-h783.json>

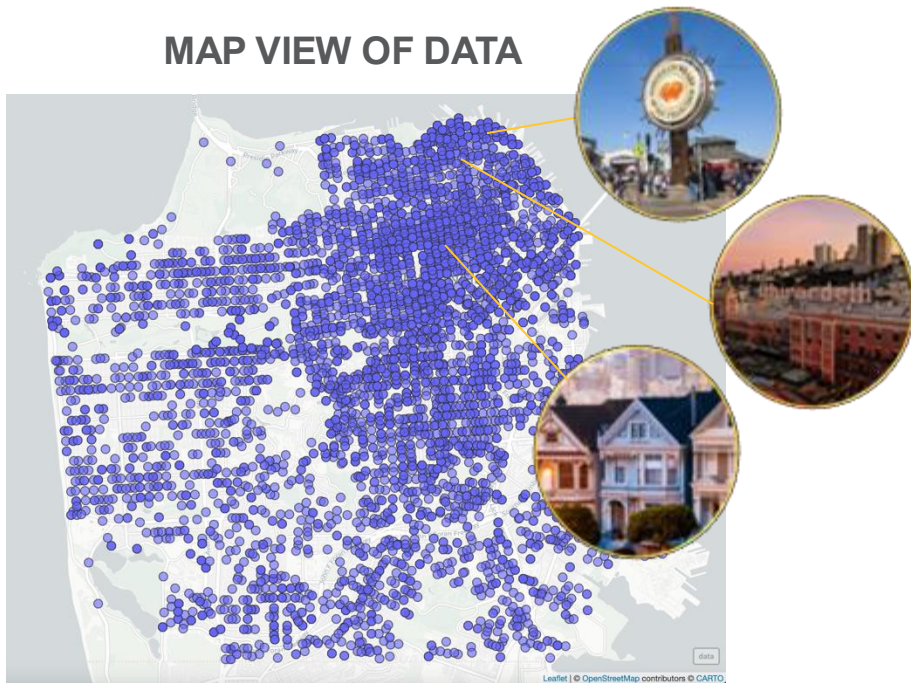


[API documentation](#)

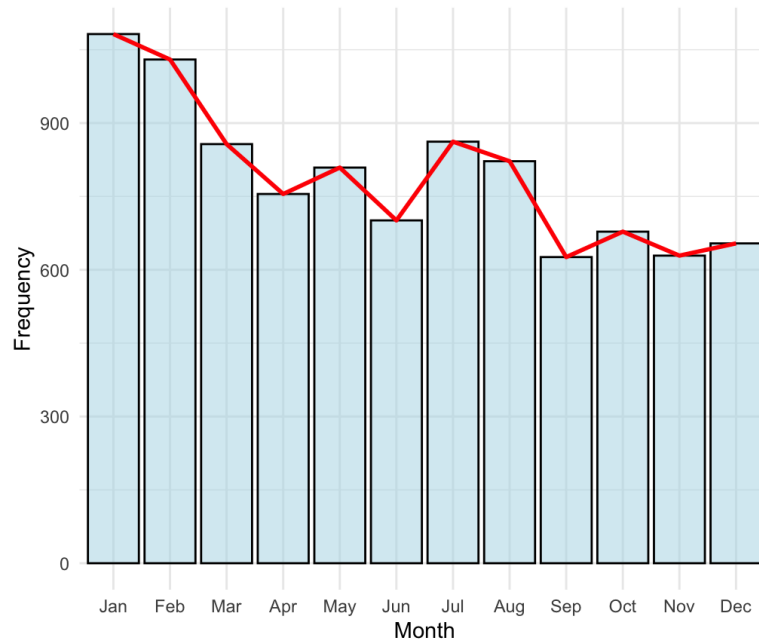
[Developer portal](#)

Exploratory Data Analysis

MAP VIEW OF DATA



Histogram of 2024 Smash-and-Grab Incidents by Month



Goals and Product Ideas

SHINY APP 1.0

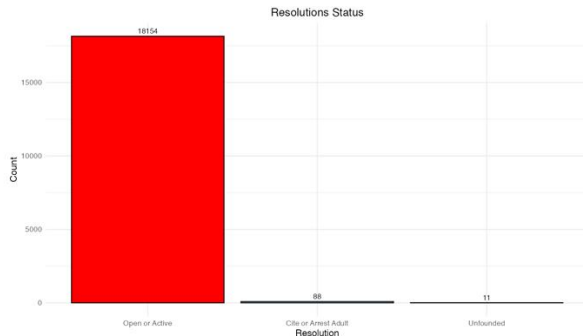
http://127.0.0.1:5459 Open in Browser Publish

Stats 418 - San Francisco Smash and Grabs by Kristine Vo

Smash and Grabs in the News Smash and Grabs by Year Full SF Map View

Northeast SF Map View Resolutions Status Tracking

A majority of smash and grab crimes remain unresolved.



month	Cite or Arrest Adult	Open or Active	Unfounded
1	0.40%	99.43%	0.17%
2	0.73%	99.27%	0.00%

MODEL AND APP OPTIMIZATIONS

- Apply point process analysis to understand clustering behavior
- Create a model to predict when and where the next incident will occur
- Analyze incidents across neighborhoods and popular intersections

LIMITATIONS

- Data anonymized for privacy
- Limited information on suspects (e.g., repeat offenders)

Thank You
