

**Who You Gonna Call? 311!**  
**Analyzing the San Francisco Homeless Crisis**  
Project Kojak MVP  
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**Domain:**

I am planning to use 311 and 911 calls to analyze homeless populations throughout San Francisco. This is not a domain that I am familiar with, but it is something I am passionate about because it has become such a big problem in my hometown.

I am planning to use forecasting methods (Arima etc) to analyze homeless complaints (populations) by neighborhood. I will plan to go further by tying it in with other features such as crime or property value.

**Data:**

Field	Description	Data Type
CaseID	Unique Identifier Key	int
Opened	Date/time the case was opened	Datetime
Category	Type of Case ('Homeless')	String
Request Type	Specific request for category	String
Request Details	Further detail of request	String
Neighborhood	Name of Neighborhood	String
Latitude	Coordinate	Float
Longitude	Coordinate	float

**Known Unknowns:**

- Working with time series/forecasting algorithms
- Timeframe period to analyze (by hour/day/month/year etc)
- Web application use case (classification or recommender)
- Additional data sources to tie in (homeless population estimates etc)