**Three topics: Trees, Housing, Police brutality**

**Data sources**

SF government <https://data.sfgov.org/>

Other sources of data <https://www.forbes.com/sites/bernardmarr/2016/02/12/big-data-35-brilliant-and-free-data-sources-for-2016/#70c945d8b54d>

**I. Trees**

Background information

Questions of interest

* What’s the percentage of trees that are ‘local’ and ‘non-invasive’ ?
* How can trees be leveraged as an ingredient for nutrition. i.e.: Moringa Trees as a source of protein X
* How might we raise awareness about the benefits of urban forests?
* What are the psychological impacts of urban forests parks and landscaping? X
* How can forests serve as memorials and community spaces that offer healing and respite?

Possible applications

* **Adopt a tree XXXX 1**
  + **Feasible**
  + **data-driven**
* Report a dying tree XX
* Infographics about the benefits of urban trees X
* **Platform for people to organize around planting trees in their community XXXX** 
  + **Feasible**
  + **Not critically data-driven**

Data Sets

* Street Tree List: <https://data.sfgov.org/City-Infrastructure/Street-Tree-List/tkzw-k3nq>
* Street Tree Map: <https://data.sfgov.org/City-Infrastructure/Street-Tree-Map/337t-q2b4>
* SF Urban Tree Canopy: <https://data.sfgov.org/Energy-and-Environment/SF-Urban-Tree-Canopy/55pv-5zcc>
* Fallingfruit.org go to data tab X

**II. Housing**

Questions of interest:

* How many rooms, instead of ‘units’, are created in SF? XX
* How many units of 1-br, 2-br, or 3-br are created? X
* How many bedrooms are being produced vs. reduced by conversions? X
* How many accessory dwelling units being built? How many legalized? X
* What is the cost difference between types of housing creation?
* **How many artists & middle class & working class have been pushed out of San Francisco due to rising rents? XXX 1**
  + **Need to study whether there is data for this**
* How have the demographics of the city shifted in the last 20 years? X
* Do people feel welcome in San Francisco?

Possible applications

* Find Affordable Housing
* **App to show support for a specific project, enabling support to be cited at hearings XXX 2**
  + **Feasible**
  + **Data-driven, not resulting in meaningful data**
* **Storytelling and community mapping collecting narratives of displaced San Franciscans XXXX** 
  + **Not feasible**
  + **No data-driven**
  + **Need to study whether there is data for this**
* Showcasing public art and discussing the cultural heritage of SF on and interactive platform
* App that shows people different locations for and images of street art/murals/graffiti in different neighborhoods

Data Sets

* SF Development Pipeline Q3 2016 (information about projects) <https://data.sfgov.org/dataset/SF-Development-Pipeline-2016-Q3/k7mk-w2pq>
* Affordable rentals from Mayor’s Office of Housing <https://data.sfgov.org/Housing-and-Buildings/Mayor-s-Office-of-Housing-and-Community-Developmen/9rdx-httc>
* Eviction Notices <https://dev.socrata.com/foundry/data.sfgov.org/93gi-sfd2> X

**III. Police brutality**

Background information

* Mapping police violence (w/ infographics) <https://mappingpoliceviolence.org/>

Questions of interest

* How can privileged white people demand more of their law enforcement officials effectively reducing the burden placed on disenfranchised minorities X
* How do we remind citizens of their rights and ensure that police officers actually serve communities and are held accountable

Possible applications

* Fastest/easiest way to report personal situation
* Fastest/easiest way to report brutality observed
* **Selected topic: Educational platform for learning, resolving, or anything related to conflicts/deal with Police &  rights  XXXX 3**
  + **Feasible**
  + **Could be data-driven**
  + **Anecdotal evidence**

Data Sets

* SFPD Incidents 2016 (general info about arrests and context) <https://data.sfgov.org/Public-Safety/SFPD-Incidents-Current-Year-2016-/9v2m-8wqu>
* <https://www.washingtonpost.com/graphics/national/police-shootings-2016/>
* <http://www.sfchronicle.com/crime/article/SF-s-police-involved-shootings-practices-and-7921829.php>
* <http://sfist.com/2016/05/23/15_years_of_officer-involved_shootings_sf.php>
* <https://invisible.institute/police-data/>

Possible

* A platform for community members to submit ideas for law enforcement programming and best practices

Questions