bitscity.github.io

MARTIN TRUST
CENTER FOR MIT
ENTREPRENEURSHIP

THE MAYOR'S OFFICE OF
NEW URBAN
MECHANICS
BOSTON

Local
Sense
Lab

Four challenge areas

- Reappropriating Infrastructure
- Waiting Places
- Sensors in the City
- Other

Criteria

- Impactful
  - Does the project solve a specific problem, or generate meaningful information, or benefit a wide range of citizens?
- Creative
  - How is the project different (and better) from previous alternatives?
  - **Be audacious.**
- Realistic
  - Is the project do-able: commercially, technologically, and politically?
  - **Tell us why.**
- Collaborative
  - Does the project interact with other projects (whether existing or proposed)?

Prize

- A "Public Key" to Boston
  - There are sensors going up all over the city
  - Many will be accessible through public APIs
  - Set the API public key for a suite of sensors to whatever you like
    - Joe_schmo_is_the_bomb_111
    - Burritos_are_my_alpha_and_omega_01
  - Become a legend
- Opportunity to present your idea @ announcement event to City people, potential partners, and potential investors
- Plus mentorship @ City Hall + LSL and other goodies
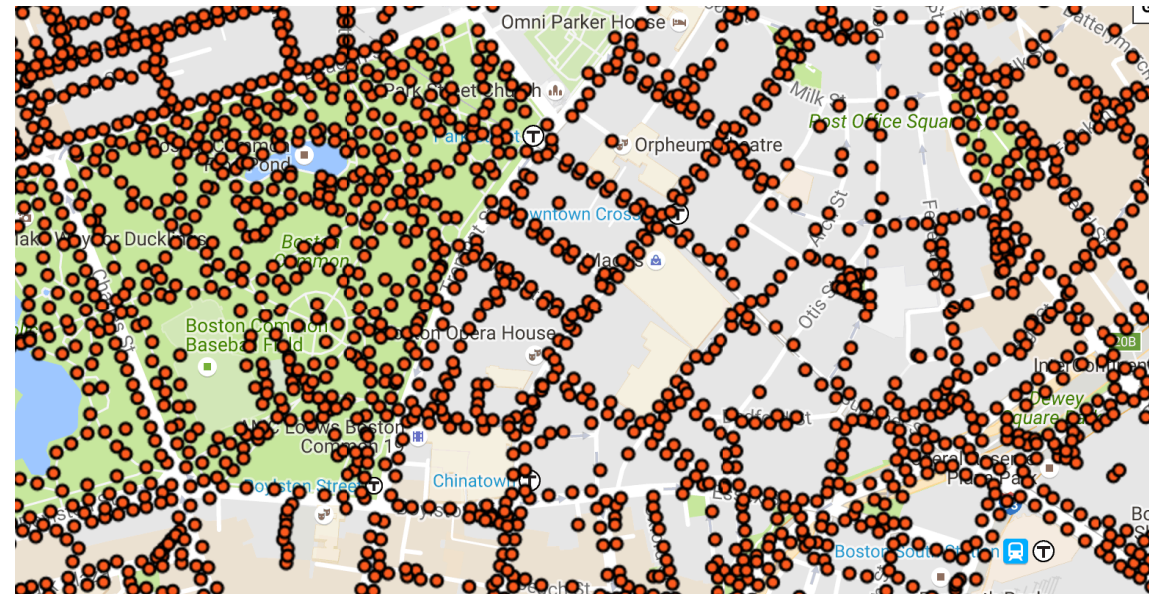
Live sensor data

- Camera
  - Pedestrian/Vehicle

- Environmental
  - Temperature, humidity, luminosity, noise, (relative) gas levels

- Wifi/bluetooth scanners

- Door sensors

- Beacons

Open data

- https://data.cityofboston.gov/
  - 311 service requests
  - Many, many lists
    - Streetlight locations
    - Community gardens
    - Healthy corner stores
- Hubway bike movement
- BERDO Energy Reporting
- Boston Indicators Project

Polls and opinion

- Gallup World Poll
- See Gallup folder in the Github repo
  - www.github.com/BITScity/2016/
- TBA: "smart city engagement metrics"

Private data

- Mobile device data
- See slides from MIT Real Estate Innovation Lab and DES-X