Resources

- **Mapbox** - Provide various resources on map-based applications.
  - Mapbox Docs - All
  - Navigation Docs
  - Vision SDK
  - Get access tokens to use any Mapbox service [here](#).

Datasets + Tools

- **Twitter REST API’s** - Provide programmatic access to read and write Twitter data.
- **Yelp** - 2.7M reviews and 649K tips by Yelp’s users and user businesses.
- **BestBuy Open Product Data** - Programmatic access to BestBuy’s product and store data.
- **The New York Times API’s** - Programmatic access to The New York Times’ content. It includes articles, books, events etc.
- **The Guardian API’s** - Programmatic access to The Guardian’s content.
• **GDELT Database** - Most comprehensive database of human society.

• **MIT Human Dynamics Lab Datasets** - Several mobile data sets that contain dynamics of several communities of about 100 people each.

• **Million Song Dataset** - Collection of audio features and metadata for a million contemporary popular music tracks

• **Wikipedia Dumps** - Wikipedia database dumps in any language.

• **Google Books Ngram Dataset** - The dataset that used in Google Books Ngram Viewer.

• **International Cancer Genome Consortium** - Dataset that includes information about cancer patients and their genomes.

• **The Movie DB API** - Allows programmatic access to TMDb that includes information about movies, tv shows, actors and actresses.

• **US Patent Citation Network** - Consists of all the utility patents granted between January 1, 1963 and December 30, 1999. totaling 3,923,922 patents

• **ACT** - Test events dataset

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**Water and Geoscience Theme Data Sources**

• **NOAA Ocean CO₂ Dataset** - More than 30 years worth of surface ocean CO2 observations.

• **NOAA Climate Datasets** - Datasets that are provided by NOAA on climate.

• **HAZUS** - Consists of hazard data, boundary map data, and a proxy for the general building stock (GBS) in the continental United States, Hawaii and the U.S. held Territories.

• **GeoNames Data** - Geographical database covers all countries and contains over eleven million place names.

• **USGS - Water Data** - Water flow, level, and quality datasets is provided for United States
• **Data.gov** - Various datasets such as earth science, climate, weather, water, disaster, and agriculture data sources are shared

• **Iowa Flood Information System** - IFIS provides information about stream sensors, rain gauges, soil moisture, and other flood related information with its web service

• **EPA - SuperFund Datasets** - Dataset for PCB Emissions from Paint Colorants

• **U.S. Climate Resilience Toolkit** - Tools are available to help you manage your climate-related risks and opportunities such as water, food, energy, coasts, transportation etc.

• **Amazon Web Services for NEXRAD Radar Network** - Real-time and archival data from the Next Generation Weather Radar (NEXRAD) network.

• **Open Data on Amazon Web Services** - Satellite imagery, terrain tiles, biologic, climate, demographic, and many other datasets are shared through AMS

• **Open NASA** - NASA data sources and NASA APIs are shared here.

### Project Ideas

*There will be mentors with project ideas at the event.*