HACKUIOWA
April 17-18, 2021
Virtual Event
hack.uiowa.edu

Resources

• Mapbox - Provide various resources on map-based applications.
  o Mapbox Docs - All
  o Navigation Docs
  o Vision SDK
  o 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.
• **GeoNames Data** - Geographical database covers all countries and contains over eleven million place names.
• **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.
• **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
• **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.
• **ACT** - Test events dataset

**Project Ideas**

There will be mentors with project ideas at the event.