

# HACKUIOWA

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Iowa City IA, USA

[hack.uiowa.edu](http://hack.uiowa.edu)



## 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

## Water and Geoscience Theme Data Sources

- [NOAA Ocean CO<sub>2</sub> Dataset](#) - More than 30 years worth of surface ocean CO<sub>2</sub> 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.](#)