



BROWSE THESE OPEN DATA SOURCES FOR YOUR NEXT PROJECT

Open databases are easily accessible and offer large quantities of scientific knowledge, information, and data. Use them to strengthen the foundation of your research and education.

Here's an array of open databases that you can explore as you embark on your next discovery.

GOVERNMENT DATABASES

Data.gov

<https://www.data.gov/open-gov/>

Featuring approximately 232,266 datasets from various public agencies, Data.gov is the U.S. Federal Government's open data site covering topics like education, science and research, and ecosystem and biodiversity.

- > Cities.Data.gov
- > Counties.Data.gov
- > States.Data.gov

EU Open Data Portal

<http://data.europa.eu/euodp/en/data/>

Home to key open data pertaining to EU policy domains, such as economy, employment, science, environment, and education, the EU Open Data Portal hosts datasets from approximately 70 EU institutions, with over 13,424 data sets to date.

National Centers for Environmental Information

<https://www.ncdc.noaa.gov/data-access>

The world's largest provider of weather and climate data, NCEI provides access to comprehensive oceanic, atmospheric, and geophysical data, with some periods of record spanning more than a century.

United States Census Bureau

<https://www.census.gov/data.html>

The biggest statistical agency of the Federal Government, the U.S. Census Bureau, stores and provides reliable facts and data regarding the people, places, and economy of the U.S.

INTERNATIONAL DATABASES

United Nations Children's Fund

<https://data.unicef.org/>

UNICEF collects internationally comparable data on more than 100 indicators used by countries to assess the state of women and children in the areas of education, health, gender equality, rights, and protection.

World Bank Open Data

<https://data.worldbank.org/>

A repository of global development data, World Bank Open Data has 3,000 datasets and 14,000 indicators encompassing microdata, time series statistics, and geospatial data.

World Health Organization

<http://apps.who.int/gho/data/node.home>

Covering more than 1,000 indicators for its 194 Member States, WHO's gateway to health-related statistics is organized by selected indicators, health topics, countries, and regions.

INDEPENDENT DATABASES

Broad Institute of MIT and Harvard

<http://portals.broadinstitute.org/cgi-bin/cancer/datasets.cgi>

Broad Institute researchers generate approximately f20 terabytes of sequence data every day and their interdisciplinary scientific community provides open access to its cancer data and ideas.

DBpedia

<https://wiki.dbpedia.org/develop/datasets>

With around 4.58 million entities in its dataset, DBpedia acquires structured content from the valuable information in Wikipedia and includes links to additional related databases.

Github

<https://www.kdnuggets.com/2015/04/awesome-public-datasets-github.html>

Github provides a list of topic-centric public data sources that are collected from blogs, answers, and user responses.

Google Dataset Search

<https://toolbox.google.com/datasetsearch>

Through a simple keyword search, Google surfaces information hosted in thousands of repositories across the Web.

Pew Research Data Center

<https://www.pewresearch.org/download-datasets/>

Pew Research Center makes the full datasets behind most of their reports available in areas ranging from Internet, science, and technology, to social and demographic trends.

AWS Public Dataset Program

<https://registry.opendata.aws/>

The registry of open data on AWS increases data access by making it available for analysis on AWS and helps develop new cloud-native techniques, formats, and tools that lower the cost of working with data.

Yelp Open Datasets

<https://www.yelp.com/dataset>

A subset of Yelp's businesses, reviews, and user data, Open Datasets spotlight 1,223,094 tips by 1,637,138 users, cover over 1.2 million business attributes, such as hours, parking, availability, and ambience, and aggregate check-ins over time for each of their 192,609 businesses.

For more information, visit www.nvidia.com/highereducation