

OPEN DATA FACT SHEET

IT & GEOSPATIAL

This fact sheet is based on data from the Open Data Impact Map, a public database of organizations that use open data from around the world. 427 IT and geospatial-related organizations were assessed to develop these findings. To learn more, visit: <http://OpenDataImpactMap.org/IT>

This sector includes the largest number of organizations using open data. These organizations provide data infrastructure, software applications, data analytics and visualizations for a wide range of users. The most used types of data include geospatial, environmental, and demographic and social data.

HOW ORGANIZATIONS USE OPEN DATA

IT and geospatial organizations provide numerous products and services using open data. These include:

- Platforms, APIs, and technology infrastructure to help government agencies provide their data
- Web and mobile applications to help users access information
- Data analytics and visualizations that make it easier not only to access the data but to interpret it
- Predictive modelling
- Geospatial intelligence

USE CASES

Excel Geomatics

Open geographical data for information solutions to private and public organizations

URL: <http://www.excelgeomatics.com/>

Country: India

Impact: Maps open geographical data to target industry-specific needs

Data Used: Census of India, Village and district boundary maps, Earth Observing System Data and Information System (EOSDIS) from NASA, ASTER database from NASA and Japan's Ministry of Economy, Trade and Industry (METI)

GeoPostcodes

Provides a search engine for ZIP/postal codes for over 250 countries

URL: <http://www.geopostcodes.com/>

Country: United Arab Emirates

Impact: Provides reliable geographical information

Data Used: Codes and administrative levels from National statistics offices from all countries and U.S. Bureau of Transportation Statistics

Quandl

An open data platform that gathers real-time market data

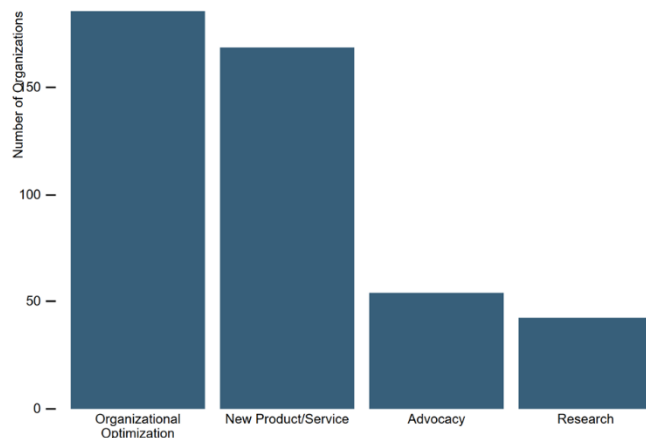
URL: <https://www.quandl.com/>

Country: Canada

Impact: Provides free access to a repository of financial economic, and social datasets to over 100,000 users

Data Used: All types of economic, financial, and social data

TOP APPLICATIONS OF OPEN DATA FOR THE SECTOR



TOP 5 DATA TYPES USED FOR THE SECTOR

