OPEN DATA FACT SHEET
IT & GEOSPATIAL

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.

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
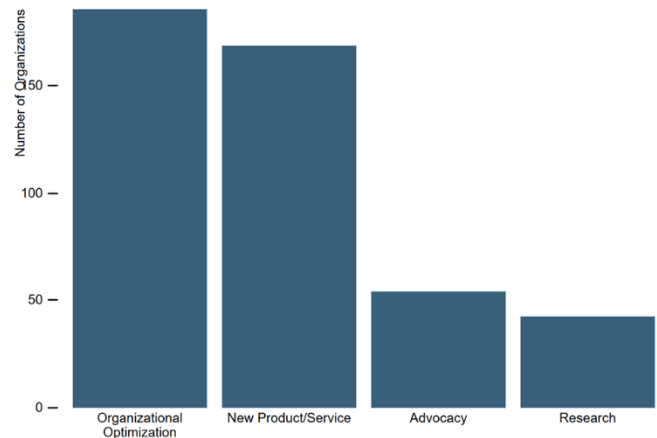*An open data platform that gathers real-time market data*
URL: https://www.quandl.com/
Country: Canada
Impact: Provides free access to a repository of financial economic, and social datasets to over 100,000 users
Data Used: All types of government data

TOP APPLICATIONS OF OPEN DATA FOR THE SECTOR

TOP 5 DATA TYPES USED FOR THE SECTOR