

Open Data

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Fuentes de datos abiertos y APIs

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- [Microsoft Cognitive Services](#)
- [Google Cloud Vision API](#)
- [Análisis de 1.100 millones de trayectos de taxis y uber en NYC](#)
- [European Data Portal](#)
- [Propublica](#)
- [NOAA. Agencia de meteo. USA.](#)

- Datosclima. Base de datos meteo
- Dirección General de Tráfico (DGT)
- National Historical Geographic Information System (NHGIS)
- Datos de todos los vuelos en USA entre 1987 y 2008 (datos originales)
- Datos de todos los vuelos en USA entre 1987 y 2008 (otra fuente y ejemplos de uso en H2O). 120G
- Open Data Inception. 1.600 portales abiertos
- ImageNet database
- API TomTom. Tráfico en ciudades
- Mapas de Open Street Maps
- European Data Portal
- 20 Awesome Websites For Collecting Big Data
- Climate Data Online
- Una recopilación de APIs públicas
- Una recopilación de datasets públicos
- Recopilación de datasets de BigML
- Datasets de ejemplo de IBM Watson Analytics
- Some datasets for teaching data science
- More datasets for teaching data science: The expanded dslabs package
- El planeta Tierra en AWS
- Tráfico en el Reino Unido
- European Banking Authority (EBA)
- World Bank Open Data 1 y 2
- Fondo Monetario Internacional
- Lista de algunos datasets dentro de paquetes de R
- openflights.org/
- 30 Amazing (And Free) Big Data And AI Public Data Sources For 2018
- Awesome Public Datasets 1
- Awesome Public Datasets 2
- 25 Open Datasets for Deep Learning Every Data Scientist Must Work With
- NOAA Daily Global Historical Climatology Network - Kaggle dataset
- Crimen en UK
- Datos abiertos Ayuntamiento de Valencia
- Microsoft Research Open Data
- Kaggle Weekly Kernels Award Winner Announcements
- Open Data Renfe
- Open Data Barometer
- CIS. Centro de Investigaciones Sociológicas
- Fivethirtyeight
- Reddit datasets
- Data World
- The world's economic database
- 25 Open Datasets for Deep Learning Every Data Scientist Must Work With
- Paquete para acceder al API del Instituto de Canarias de Estadística
- Datos estadísticos DGT
- Yelp Dataset
- Awesome Sentinel. Copernicus Sentinel Satellites resources
- Datos Abiertos del Consorcio Regional de Transportes de Madrid
- Idealista ux&tech
- Ayuntamiento de Madrid. Censo de locales, sus actividades y terrazas de hostelería y restauración
- Agencia Tributaria. Estadísticas
- UK Office for National Statistics
- UK Open Geography Portal
- Open Trade Statistics
- Facebook Neural-Code-Search-Evaluation-Dataset [dataset]](<https://github.com/facebookresearch/>

- [Neural-Code-Search-Evaluation-Dataset](#)) y noticia
- [Ultimos datos de Open Street Map. Spain](#)
- [NLP Datasets](#)
- [United Nations World Urbanization Prospects](#)
- [GHSL - Global Human Settlement Layer](#)
- [Socioeconomic Data and Applications Center \(SEDAC\)](#)
- [Cómo los datos abiertos pueden ayudar en la crisis de los refugiados](#)
- [Worldpop - Open Spatial Demographic Data](#) y [Worldpop Hub](#)
- [Center for Disease Control](#)
- [NASA](#)
- [World Economic Forum](#)
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- [Amazon product data 2014](#)
- [Amazon product data 2018](#)
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- [ESA WorldCover 2021. Global land cover product at 10 m for 2021 based on Sentinel-1 and 2 data](#)
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- [The World Bank Open Knowledge Repository](#)
- [The Government Finance Database](#)
- [Microsoft - A Planetary Computer for a Sustainable Future](#)
- [HREA: High Resolution Electricity Access. Universidad de Michigan y Microsoft](#)
- [geoBoundaries](#)
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- [IPUMS GIS Boundary Files](#)
- [geodata.state.gov](#)
- [Natural Earth Vector. Github y Web](#)
- [Geoportal Registradores](#)
- [ESA OpenSR - Robust, accountable super-resolution for Sentinel-2 and beyond](#)
- [SEN2NAIP - Remote sensing dataset designed to support conventional and reference-based SR model training](#)
- [M3LEO: A Multi-Modal Multi-Label Earth Observation Dataset](#)
- [SARDet-100K: large-scale multi-class SAR object detection dataset](#)

- [Sen2Like](#)
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- [idealista18 - 2018 real estate listings in Spain. 3 cities](#)
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- [Freshwater Ecoregions of the World](#)
- [FAO's Global Information System on Water and Agriculture](#)
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- [Mendeley Data](#)
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- [USGS 3DEP LiDAR Point Clouds](#)
- [Datos de la Eurocopa 2024](#)
- [Open Charge Map. Global Open Data registry of electric vehicle charging locations. \[Export\]\(#\) y \[Ejemplo\]\(#\)](#)
- [NAIP: National Agriculture Imagery Program](#)
- [Planet SkySat Public Ortho Imagery, Multispectral](#)
- [Functional Map of the World \(fMoW\) Dataset](#)
- [UC Merced Land Use Dataset](#)
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- [AID: A Benchmark Dataset for Performance Evaluation of Aerial Scene Classification](#)
- [Open High-Resolution Satellite Imagery: The WorldStrat Dataset – With Application to Super-Resolution](#)
- [WHU-RS19 is a set of satellite images exported from Google Earth](#)
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- [EarthView dataset](#)
- [ESA Third Party Missions \(TPM\)](#)
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- [NASA Earth Observations \(NEO\)](#)
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- [Open Topography](#)
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- [ISCGM Global Map](#)
- [IPUMS](#) provides census and survey data from around the world [Web](#) y [paquete ipumsr](#)
- [EDGAR](#) - Emissions Database for Global Atmospheric Research
- [Copernicus Atmosphere Monitoring Service \(CAMS\)](#) Global Near-Real-Time
- [Sentinel-5P](#)
- [ERA5 Daily Aggregates](#) - Latest Climate Reanalysis Produced by ECMWF / [Copernicus Climate Change Service](#)
- [Global Flood Database v1 \(2000-2018\)](#)
- [ISIMIP3b](#) bias-adjusted atmospheric climate input data
- [Dynamic World V1 Land Use](#)

Otras referencias interesantes

- [Data Science Blogs](#)
- [Chuleta general de R](#)
- [R Learning Path: From beginner to expert in R in 7 steps](#)
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- [A dive into R Markdown](#)
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- [blogdown: Creating Websites with R Markdown](#)
- [Utilizando Sweave y Knitr](#)
- [Pandoc User's Guide](#)
- [Soporte técnico de RStudio](#)
- [100 Active Blogs on Analytics, Big Data, Data Mining, Data Science, Machine Learning](#)
- [Plataforma H2O](#)
- [Computer vision](#)
- [Pautas para dar formato al código programando en R: Google, Hadley Wickham \(RStudio\) y Coding Club](#)
- [The State of Naming Conventions in R](#)
- [R Code – Best practices](#)
- [R Coding Style Guide](#)
- [Naming files](#)
- [Documentacion de R](#)
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- [Glosario de Machine Learning de Google](#)
- [Google Rules of Machine Learning: Best Practices for ML Engineering](#)
- [Statistical Learning de Stanford with R Curso, Libro, Código y Transparencias](#)
- [An Introduction to Statistical Learning - Web R & Python](#)
- [100 Free Tutorials for Learning R](#)
- [Google's best practices in machine learning](#)
- [Web Scraping TripAdvisor, Text Mining and Sentiment Analysis for Hotel Reviews](#)
- [Common Probability Distributions: The Data Scientist's Crib Sheet](#)
- [RDocumentation](#)
- [ArcGIS to R spatial cheat sheet](#)
- [Hand-curated, high quality resources for doing data journalism with R](#)
- [RMarkdown Driven Development \(RmdDD\)](#)
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- [Tipos de licencias open data \(minicurso de data.europa.edu\)](#)
- [Legalidad Web srapping: Is Web Scraping Legal? : The Definitive Guide \(2024 update\) y Web Scraping: ¿legal o ilegal?](#)
- [Information is Beautiful Awards](#)
- [Financial-Times / chart-doctor](#)
- [The Data Visualisation Catalogue](#)
- [From Data to Viz](#)
- [EUMETSAT science studies](#)
- [overpass turbo - Herremaienta de filtrado para OSM](#)
- [Remote Sensing for OSINT](#)
- [Investigative Journalism with Satellite Images](#)
- [CAMIS - A PHUSE DVOST Working Group](#). The repository below provides examples of statistical methodology in different software and languages, along with a comparison of the results obtained and description of any discrepancies.
- [Microsoft Presidio - Data Protection and De-identification SDK](#)

- [GIS formats](#)
- [Data Viz Catalogue](#)
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- [Periodic Table Of Visualization Methods](#)
- [The TimeViz Browser 2.0](#)
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- [Global Fishing Watch](#). AI and satellite imagery to reveal the expanding footprint of human activity at sea. [Post](#). [Github](#). [Train data](#). [Analysis data](#) and [Vessel detection from Sentinel-1 SAR](#)
- [rseek.org](#) - [rstats](#) search engine
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Libros

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- [Mastering Apache Spark with R Libro y Código](#)
- [Hands-On Machine Learning with R](#)
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- [The 20 Best Data Science Books Available online in 2020](#)
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