

# Open Data

by [Santiago Mota](#)

2024-10-29

Este fichero es copia de uno alojado en Github, en este [link](#) y que se actualiza periódicamente.

## Fuentes de datos abiertos y APIs

- [20 Awesome Websites For Collecting Big Data](#)
- [25 Open Datasets for Deep Learning Every Data Scientist Must Work With](#)
- [25 Open Datasets for Deep Learning Every Data Scientist Must Work With](#)
- [25 Satellite Maps To See Earth in New Ways](#)
- [30 Amazing \(And Free\) Big Data And AI Public Data Sources For 2018](#)
- [46 museos y bibliotecas que han digitalizado todo su conocimiento y lo ofrecen gratis en internet](#)
- [AENA - Estadísticas de tráfico aéreo](#)
- [Agencia Tributaria. Estadísticas](#)
- [AI for Copernicus - a data repository by CALLISTO](#)
- [AI4SmallFarms: A Data Set for Crop Field Delineation in Southeast Asian Smallholder Farms](#)
- [AID: A Benchmark Dataset for Performance Evaluation of Aerial Scene Classification](#)
- [Alaska Satellite Facility](#)
- [Amazon product data 2014](#)
- [Amazon product data 2018](#)
- [Análisis de 1.100 millones de trayectos de taxis y uber en NYC](#)
- [API de Facebook](#)
- [API de GitHub](#)
- [API TomTom. Tráfico en ciudades](#)
- [Armed Conflict Location & Event Data Project \(ACLED\)](#)
- [Awesome Geospatial](#)
- [Awesome Public Datasets 1](#)
- [Awesome Public Datasets 2](#)
- [Awesome Sentinel. Copernicus Sentinel Satellites resources](#)
- [awesome-gee-community-datasets](#)
- [AWS Data Exchange](#)
- [AWS Datasets](#)
- [AWS Open Data Geo](#)
- [AWS Open Data SpatioTemporal Asset Catalog \(STAC\)](#)
- [AWS Open Data](#)
- [Ayuntamiento de Madrid. Censo de locales, sus actividades y terrazas de hostelería y restauración](#)
- [Blog. 100 recursos sobre Big Data y Data Science](#)
- [British Ordnance Survey Data Hub](#)
- [BUILDING OUTLINE EXTRACTION OF ENSCHEDE, THE NETHERLANDS USING AERIAL IMAGES AND DIGITAL SURFACE MODELS](#)
- [CaixaBank Research](#)
- [Canada Open Government Portal](#)
- [Center for Applied Internet Data Analysis](#)
- [Center for Disease Control](#)
- [CIS. Centro de Investigaciones Sociológicas](#)

- [Climate Data Online](#)
- [Cómo los datos abiertos pueden ayudar en la crisis de los refugiados](#)
- [Copernicus Atmosphere Monitoring Service \(CAMS\) Global Near-Real-Time](#)
- [Copernicus Open Access Hub](#)
- [CRAN Task View OpenData](#)
- [Crimen en UK](#)
- [DANS Data Station Physical and Technical Sciences](#)
- [Data Derived from OpenStreetMap for Download](#)
- [Data Kicks](#)
- [Data on CO2 and Greenhouse Gas Emissions by Our World in Data](#)
- [Data World](#)
- [Data.World Datasets](#)
- [Datasets de ejemplo de IBM Watson Analytics](#)
- [Datasets de Quandl](#)
- [Dataset4EO](#)
- [Datos abiertos Ayuntamiento de Valencia](#)
- [Datos abiertos de la Generalitat de Cataluña](#)
- [Datos abiertos de la Unión Europea](#)
- [Datos abiertos de Santander](#)
- [Datos abiertos del Ayuntamiento de Madrid](#)
- [Datos Abiertos del Consorcio Regional de Transportes de Madrid](#)
- [Datos abiertos del gobierno de España](#)
- [Datos abiertos Junta de Andalucía](#)
- [Datos de la Eurocopa 2024](#)
- [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](#)
- [Datos en paquetes de R](#)
- [Datos estadísticos DGT](#)
- [Datosclima. Base de datos meteo](#)
- [DH Network](#)
- [Digital Earth Africa \(DE Africa\) Map](#)
- [Dirección General de Tráfico \(DGT\)](#)
- [Dynamic World V1 Land Use](#)
- [EarthView dataset](#)
- [EDGAR - Emissions Database for Global Atmospheric Research](#)
- [EnMAP. The German Spaceborne Imaging Spectrometer Mission](#)
- [El planeta Tierra en AWS](#)
- [ERA DATASET. Dataset and Deep Learning Benchmark for Event Recognition in Aerial Videos](#)
- [ERA5 Daily Aggregates - Latest Climate Reanalysis Produced by ECMWF / Copernicus Climate Change Service](#)
- [ESA OpenSR - Robust, accountable super-resolution for Sentinel-2 and beyond](#)
- [ESA Third Party Missions \(TPM\)](#)
- [ESA WorldCover 2021. Global land cover product at 10 m for 2021 based on Sentinel-1 and 2 data](#)
- [España. Estadísticas de mercado de trabajo](#)
- [España. Inmigración. Estadísticas](#)
- [España. Seguridad Social. Estadísticas](#)
- [Esri Open Data Hub](#)
- [European Banking Authority \(EBA\)](#)
- [European Data Portal](#)
- [FAO Map Catalog](#)
- [FAO's Global Information System on Water and Agriculture](#)
- [FBREF - Estadísticas e Historia del Fútbol](#)
- [Fields of The World \(FTW\)](#)
- [Fivethirtyeight](#)

- [Fondo Monetario Internacional](#)
- [Free GIS Data](#)
- [Freshwater Ecoregions of the World](#)
- [Fuentes de datos espaciales \(Diva-GIS\)](#)
- [Functional Map of the World \(fMoW\) Dataset](#)
- [Gapminder](#)
- [gee-community-catalog](#)
- [geoBoundaries](#)
- [geodata.state.gov](#)
- [Geonames Cities with population > 5000](#)
- [Geoportal Registradores](#)
- [Geospatial Data Catalogs](#)
- [GHSL - Global Human Settlement Layer](#)
- [Global Forest Change 2000-2023](#)
- [Global Flood Database v1 \(2000-2018\)](#)
- [Global Health Observatory \(GHO\) API](#)
- [Gobierno Estados Unidos](#)
- [Google Books Ngram Viewe](#)
- [Google Cloud Vision API](#)
- [Google Datset Search](#)
- [Google Earth Engine Catalog](#)
- [Google finanzas](#)
- [Google Open Buildings](#)
- [Google Patents Public Data](#)
- [Google Public Data](#)
- [Google-Microsoft-OSM Open Buildings - combined by VIDA](#)
- [Helsinki Open Data](#)
- [Hugging Face Datasets](#)
- [Idealista ux&tech](#)
- [idealista18 - 2018 real estate listings in Spain. 3 cities](#)
- [ImageNet database](#)
- [Infraestructura de Datos Espaciales de España](#)
- [Infraestructura de Datos Espaciales de la Comunidad de Madrid](#)
- [IPUMS GIS Boundary Files](#)
- [ISCGM Global Map](#)
- [ISIMIP3b bias-adjusted atmospheric climate input data](#)
- [Kaggle datasets](#)
- [Kaggle Weekly Kernels Award Winner Announcements](#)
- [Legacy Aircraft Noise and Performance \(ANP\) data](#)
- [LinkedIn - Data for Impact](#)
- [Lista de algunos datasets dentro de paquetes de R](#)
- [M3LEO: A Multi-Modal Multi-Label Earth Observation Dataset](#)
- [Mapas de Open Street Maps](#)
- [Marine Regions](#)
- [Mendeley Data](#)
- [Microsoft - A Planetary Computer for a Sustainable Future](#)
- [Microsoft Cognitive Services](#)
- [Microsoft Research Open Data](#)
- [More datasets for teaching data science: The expanded dslabs package](#)
- [Multi-Temporal Crop Classification with HLS Imagery across CONUS](#)
- [Multimodal Remote Sensing Benchmark Datasets for Land Cover Classification](#)
- [Naciones Unidas. Datos detallados de comercio global](#)
- [NAIP: National Agriculture Imagery Program](#)
- [NASA Common Metadata Repository \(CMR\) SpatioTemporal Asset Catalog \(STAC\)](#)

- NASA Earth Observations (NEO)
- NASA
- NASDAQ
- National Historical Geographic Information System (NHGIS)
- Natural Earth Data
- Natural Earth
- Nature Scientific Data
- NHS Digital
- NHSR datasets
- NLP Datasets
- NOAA Daily Global Historical Climatology Network - Kaggle dataset
- NOAA. Agencia de meteo. USA.
- OCDE
- One versus One - European football statistics
- Open Africa dataset
- Open Data Barometer
- Open data EMT
- Open Data Inception. 1.600 portales abiertos
- Open Data Renfe
- Open Data Sources Database
- Open High-Resolution Satellite Imagery: The WorldStrat Dataset – With Application to Super-Resolution
- Open Topography
- Open Trade Statistics
- openaddresses
- Opendata del CERN
- Opendatasoft
- openflights.org/
- OpenGEOS data
- OpenWeatherMap
- OSM Landuse
- Overture - Fused-partitioned
- Overture Maps
- Paquete de R ‘datasets’
- Paquete pasra acceder al API del Instituto de Canario de Estadística
- Pew Research Center
- Planet SkySat Public Ortho Imagery, Multispectral
- Propublica
- RapidAI4EO: A Corpus of Dense Time Series Satellite Imagery
- Rdatasets
- Recopilación de datasets de BigML
- Red Eléctrica Española (REE) - API
- Red Natura 2000
- Reddit datasets
- rspatialdata is a collection of data sources and tutorials on visualising spatial data using R
- SARDet-100K: large-scale multi-class SAR object detection dataset
- Satélite Landsat
- Satellite imagery datasets containing ships
- SEN12MS-CR. 22,218 patch triplets of corresponding Sentinel-1 dual-pol SAR data, Sentinel-2 multi-spectral images, and cloud-covered Sentinel-2 multi-spectral images
- Sen2Like
- SEN2NAIP - Remote sensing dataset designed to support conventional and reference-based SR model training
- Sentinel Hub NoR Sponsored Accounts and Data Collections

- Sentinel Satellite Data
- Sentinel-5P
- Sentinel-2 data set for the delineation of agricultural field boundaries in Flevoland, The Netherlands
- Síntesis de Indicadores e Informes Macroeconómicos
- SkyFi Geospatial Hub
- SkySat missions
- Socioeconomic Data and Applications Center (SEDAC)
- Some datasets for teaching data science
- Source Cooperative Featured Repositories
- STAC Index SpatioTemporal Asset Catalog (STAC)
- StatsBomb sports data
- Teaching of Statistics in the Health Sciences
- Tematicas.org Recopilación de series e índices
- Terra Populus
- The Big Bad NLP Database
- The Government Finance Database
- The SpaceNet Datasets
- The World Bank Open Knowledge Repository
- The world's economic database
- TidyRainbow
- TidyTuesday
- Tráfico en el Reino Unido
- UC Irvine Machine Learning Repository
- UC Merced Land Use Dataset
- UCI Machine Learning Repository
- UK Data Service
- UK Office for National Statistics
- UK Open Data
- UK Open Geography Portal
- Ultimos datos de Open Street Map. Spain
- Una recopilación de APIs públicas
- Una recopilación de datasets públicos
- Understat
- UNEP Environmental Data Explorer
- United Nations Platform for Space-based Information for Disaster Management and Emergency Response (un-spider.org) data sources
- United Nations World Urbanization Prospects
- Universidad de Harvard
- US Homeland Infrastructure Foundation-Level Data
- USGS 3DEP LiDAR Point Clouds
- USGS Earth Explorer
- WHU-RS19 is a set of satellite images exported from Google Earth
- World Economic Forum
- WorldCereal open global harmonized reference data repository [Data]](<https://zenodo.org/records/7609500>) Github
- Worldpop - Open Spatial Demographic Data y Worldpop Hub
- Yelp Dataset
- Zhu Lab - Data Science in Earth Observation
- Amazon AWS: [este](#) y [este](#)
- EarthNets for Earth Observation [Page Github](#)
- Facebook Neural-Code-Search-Evaluation-Dataset [dataset]](<https://github.com/facebookresearch/Neural-Code-Search-Evaluation-Dataset>) y [noticia](#)
- HREA: High Resolution Electricity Access. [Universidad de Michigan](#) y [Microsoft](#)
- IPUMS provides census and survey data from around the world [Web](#) y [paquete ipumsr](#)

- Maxar Open Data: [Aquí](#) y [aquí](#)
- MIT [1](#) y [2](#)
- Natural Earth Vector. [Github](#) y [Web](#)
- Open Charge Map. Global Open Data registry of electric vehicle charging locations. [Export](#) y [Ejemplo](#)
- SSL4EO-S12 dataset. Large-scale multimodal multitemporal dataset for unsupervised/self-supervised pre-training in Earth observation [Paper](#) [Github](#)
- World Bank Open Data [1](#) y [2](#)

## Otras referencias interesantes

- [100 Active Blogs on Analytics, Big Data, Data Mining, Data Science, Machine Learning](#)
- [100 Free Tutorials for Learning R](#)
- [16 Cursos](#)
- [A dive into R Markdown](#)
- [A ggplot2 Tutorial for Beautiful Plotting in R](#)
- [AiTLAS: Benchmark Arena – Open-source benchmark suite for evaluating deep learning approaches for image classification in Earth Observation \(EO\)](#)
- [An Introduction to Statistical Learning - Web R & Python](#)
- [ArcGIS to R spatial cheat sheet](#)
- [Awesome Data Science](#)
- [Awesome R](#)
- [BigEarthNet A Large-Scale Sentinel Benchmark Archive](#)
- [Bivariate Choropleth Maps: A How-to Guide](#)
- [blogdown: Creating Websites with R Markdown](#)
- [Blogs con github](#) y [Blogs con github y RStudio](#)
- [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.
- [Chuleta de expresiones regulares](#)
- [Chuleta general de R](#)
- [Codificación de caracteres](#)
- [Common Probability Distributions: The Data Scientist's Crib Sheet](#)
- [Cómo crear una API en Python](#)
- [Computer vision](#)
- [Computerworld - Paquetes de R interesantes](#)
- [Curso Caltech. Learning from data](#)
- [Cursos para aprender más sobre R](#)
- [Data Science Blogs](#)
- [Data Science Cheatsheets](#)
- [Data Science Collected Resources](#)
- [Data Science Resources](#)
- [Data Scientist Roadmap](#)
- [Data Viz Catalogue](#)
- [Dataviz Project](#)
- [Dealing with Regular Expressions](#)
- [Documentacion de R](#)
- [Ejemplos de Shiny](#)
- [Estadística con R](#)
- [EUMETSAT science studies](#)
- [Feature Engineering for Machine Learning](#)
- [Financial-Times / chart-doctor](#)
- [Formatos a medida para R Markdown](#)
- [Free R Reading Material](#)
- [From Data to Viz](#)

- [Galerias de graficos](#)
- [Ggplot](#)
- [GIS and mapping](#)
- [GIS formats](#)
- [Glosario de Machine Learning de Google](#)
- [Google Dataset Search](#)
- [Google Rules of Machine Learning: Best Practices for ML Engineering](#)
- [Google's best practices in machine learning](#)
- [HDRIs Images \(HDRIs\)](#)
- [HOT - Drone Tasking Manager](#)
- [htmlwidgets for R - gallery](#)
- [IDEAtlas. Developing AI-based methods to map and characterize informal settlements from Earth Observation data](#)
- [Información de Rmarkdown en R Studio](#)
- [Information is Beautiful Awards](#)
- [Information is beautiful](#)
- [Information is Beautiful](#)
- [Interactive 4D LiDAR Segmentation](#)
- [Investigative Journalism with Satellite Images](#)
- [Kaggle Winning Solutions](#)
- [Microsoft Presidio - Data Protection and De-identification SDK](#)
- [Naming files](#)
- [Otra lista de recursos variados en Github](#)
- [overpass turbo - Herremainta de filtrado para OSM](#)
- [Pandoc User's Guide](#)
- [Periodic Table Of Visualization Methods](#)
- [Plataforma H2O](#)
- [Practical Introduction to Web Scraping in R](#)
- [R Code – Best practices](#)
- [R Coding Style Guide](#)
- [R Data Science Tutorials](#)
- [R for Water Resources Data Science](#)
- [R for Water Resources Data Science](#)
- [R Learning Path: From beginner to expert in R in 7 steps](#)
- [R Markdown cheatsheet](#)
- [R Markdown referencia](#)
- [R package primer](#)
- [R Universe search](#)
- [RDocumentation](#)
- [Regular Expression Language - Quick Reference](#)
- [Regular Expressions Every R programmer Should Know](#)
- [Remote Sensing for OSINT](#)
- [Remote sensing image retrieval](#)
- [RMarkdown Driven Development \(RmdDD\)](#)
- [rseek.org - rstats search engine](#)
- [Rstudio cheatsheets](#)
- [Simplifying the ROC and AUC metrics](#)
- [Soporte técnico de RStudio](#)
- [Study finds 94% of business spreadsheets have critical errors](#)
- [Template para documentos científicos con Rmarkdown](#)
- [The Chartmaker Directory](#)
- [The Data Visualisation Catalogue](#)
- [The R Graph Gallery](#)
- [The State of Naming Conventions in R](#)

- [The TimeViz Browser 2.0](#)
- [Tipos de licencias de software](#)
- [Tipos de licencias open data \(minicurso de data.europa.edu\)](#)
- [Tutorials for learning R](#)
- [UK government using R to modernize reporting of official statistics](#)
- [Usar git](#)
- [useR! Machine Learning Tutorial](#)
- [Using Geospatial Data in R](#)
- [Utilizando Sweave y Knitr](#)
- [Web Scraping TripAdvisor, Text Mining and Sentiment Analysis for Hotel Reviews](#)
- [Writing an R package from scratch](#)
- [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](#)
- [Legalidad Web srapping: Is Web Scraping Legal? : The Definitive Guide \(2024 update\)](#) y [Web Scraping: ¿legal o ilegal?](#)
- [Pautas para dar formato al código programando en R: Google, Hadley Wickham \(RStudio\) y Coding Club](#)
- [Sistemas de Coordenadas.](#) [Aqui](#) y [aqui](#)
- [Statistical Learning de Stanford with R](#) [Curso](#), [Libro](#), [Código](#) y [Transparencias](#)

## Libros

- [10 Free Must-Read Books for Machine Learning and Data Science](#)
- [Advanced R](#)
- [Advanced Spatial Modeling with Stochastic Partial Differential Equations Using R and INLA](#)
- [An Introduction to Spatial Data Analysis and Visualisation in R](#)
- [An R companion to Statistics: data analysis and modelling](#)
- [Análisis de datos y algoritmos de predicción con R](#)
- [Aprendiendo R sin morir en el intento](#)
- [Aprendizaje Estadístico con R](#)
- [Bayesian inference with INLA](#)
- [BBC Visual and Data Journalism cookbook for R graphics](#)
- [Big Book of R](#)
- [Bioinformática Estadística. Análisis estadístico de datos Ómicos](#)
- [Building reproducible analytical pipelines with R](#)
- [Command Line Basics for R Users](#)
- [Creating APIs in R with Plumber](#)
- [Data Analysis and Prediction Algorithms with R](#)
- [Data Science in Education Using R](#)
- [Data Skills for Reproducible Science](#)
- [Data Visualization with R](#)
- [Databases using R by RStudio](#)
- [Deep Learning and Scientific Computing with R torch](#)
- [Deep Learning](#)
- [Econometrics with the Tidyverse](#)
- [Efficient R programming](#)
- [Elegant and informative maps with tmap](#)
- [Engineering Production-Grade Shiny Apps](#)
- [Estadística básica](#)
- [Estilometría, análisis de textos en R para filólogos](#)
- [Exploring Complex Survey Data Analysis Using R](#)
- [Exploratory Data Analysis with R - Roger D. Peng](#)
- [Forecasting: Principles and Practice](#)
- [Fundamentals of Data Visualization](#)



- [Geospatial Health Data: Modeling and Visualization with R-INLA and Shiny](#)
- [Handbook of Graphs and Networks in People Analytics With Examples in R and Python](#)
- [Handbook of Graphs and Networks in People Analytics](#)
- [Handbook of Regression Modeling in People Analytics](#)
- [Handling Strings with R](#)
- [Hands-On Data Visualization](#)
- [Hands-On Machine Learning with R](#)
- [Hands-On Programming with R](#)
- [Happy Git and GitHub for the useR](#)
- [Interpretable Machine Learning](#)
- [Introducción a R](#)
- [Introduction to Econometrics with R](#)
- [Introduction to Probability for Data Science](#)
- [Introduction to urban accessibility: a practical guide in R](#)
- [JavaScript for R](#)
- [Learning Statistics with R](#)
- [Libro Vivo de Ciencia de Datos](#)
- [Linear Algebra for Data Science](#)
- [Model to Meaning](#)
- [Modern R with the tidyverse](#)
- [Officeverse R & Office](#)
- [Outstanding User Interfaces with Shiny](#)
- [Predictive Soil Mapping with R](#)
- [Probabilidad básica](#)
- [Quantitative Politics with R](#)
- [R Advanced Spatial Lessons](#)
- [R for Data Analysis](#)
- [R for data science: tidyverse and beyond](#)
- [R for everyone](#)
- [R for Health Data Science](#)
- [R Graphics Cookbook](#)
- [R in action](#)
- [R intro](#)
- [R Markdown Cookbook](#)
- [R Markdown: The Definitive Guide](#)
- [R Notes for Professionals](#)
- [R Packages](#)
- [R para principiantes](#)
- [R para profesionales de los datos: una introducción](#)
- [R Programming for Data Science. Roger D. Peng.](#)
- [R Programming for Data Science](#)
- [R4JournalismBook](#)
- [rstudio4edu](#)
- [Simulación Estadística con R](#)
- [Spatial Analysis With R](#)
- [Spatial Data Science with applications in R](#)
- [Spatial Data Science](#)
- [Spatial Microsimulation with R](#)
- [Spatial Modelling for Data Scientists](#)
- [Statistical Inference via Data Science](#)
- [Supervised Machine Learning for Text Analysis in R](#)
- [Technical Foundations of Informatics](#)
- [Text Mining with R](#)
- [The 20 Best Data Science Books Available online in 2020](#)

- [The Art of Data Science](#)
- [The caret Package](#)
- [The R Book](#)
- [The Shiny AWS Book](#)
- [Think Bayes 2e](#)
- [Tidy Finance with R](#)
- [Tidy Finance](#)
- [Todos los libros en bookdown](#)
- [Twitter for Scientists](#)
- [What They Forgot to Teach You About R](#)
- [YaRrr! The Pirate's Guide to R](#)
- [Applied Statistics with R](#) [Libro](#) y [Código](#)
- [Data Science Live Book](#) [Libro](#) y [Código](#)
- [Fundamentals of Data Visualization](#) [Libro](#) y [Código](#)
- [Geocomputation with R](#) [Libro](#) y [Código](#)
- [Introduction to Data Science](#) [Libro](#) y [Código](#)
- [Mastering Apache Spark with R](#) [Libro](#) y [Código](#)
- [R for Data Science](#). [Inglés](#) y [Castellano](#)
- [R for Statistical Learning](#) [Libro](#) y [Código](#)