Open Data

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Este fichero es copia de uno alojado en Github, en este link y que se actualiza periódicamente.

Fuentes de datos abiertos y APIs

- CRAN Task View OpenData
- Datos en paquetes de R
- Kaggle datasets
- UCI Machine Learning Repository
- DH Network
- Helsinki Open Data
- Datasets de Quandl
- Amazon AWS: este y este
- Gobierno Estados Unidos
- Datos abiertos de la Unión Europea
- Canada Open Government Portal
- UK Open Data
- API de GitHub
- API de Facebook
- Blog. 100 recursos sobre Big Data y Data Science
- NASDAQ
- Google finanzas
- CaixaBank Research
- Satélite Landsat
- OCDE
- Open data EMT
- Datos abiertos del gobierno de España
- Datos abiertos del Ayuntamiento de Madrid
- Datos abiertos de la Generalitat de Cataluña
- Datos abiertos Junta de Andalucía
- Datos abiertos de Santander
- Natural Earth
- Fuentes de datos espaciales (Diva-GIS)
- Opendata del CERN
- Paquete de R 'datasets'
- 46 museos y bibliotecas que han digitalizado todo su conocimiento y lo ofrecen gratis en internet
- Infraestructura de Datos Espaciales de España
- Infraestructura de Datos Espaciales de la Comunidad de Madrid
- 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 datatsets 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 pasra acceder al API del Instituto de Canario de Estadística
- Datos estadísticos DGT
- Yelp Dataset
- Awesome Sentinel. Copernicus Sentinel Satellites resources
- Datos Abiertos del Consorcio Regional de Transportes de Madrid
- Idealista labs
- 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
- Open Spatial Demographic Data
- Center for Disease Control
- NASA
- World Economic Forum
- Universidad de Harvard
- MIT 1 y 2
- Pew Research Center
- Gapminder
- Reddit datasets
- Center for Applied Internet Data Analysis
- Google Books Ngram Viewe
- Free GIS Data
- Google Public Data
- Google Datset Search
- Open Data Sources Database
- Síntesis de Indicadores e Informes Macroeconómicos
- Tematicas.org Recopilación de series e índices
- Amazon product data 2014
- Amazon product data 2018
- The Big Bad NLP Database
- openaddresses
- Awesome Geospatial
- Satellite imagery datasets containing ships
- AI for Copernicus - a data repository by CALLISTO
- ESA WorldCover 2021. Global land cover product at 10 m for 2021 based on Sentinel-1 and 2 data
- Data Derived from OpenStreetMap for Download
- 25 Satellite Maps To See Earth in New Ways
- Armed Conflict Location & Event Data Project (ACLED)
- Sentinel Hub NoR Sponsored Accounts and Data Collections
- rspatialdata is a collection of data sources and tutorials on visualising spatial data using R
- awesome-gee-community-datasets
- gee-community-catalog
- 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
- FAO Map Catalog
- IPUMS GIS Boundary Files
- geodata.state.gov

Otras referencias interesantes

- Data Science Blogs
- Chuleta general de R
- R Learning Path: From beginner to expert in R in 7 steps
- Rstudio cheatsheets

- R Markdown cheatsheet
- R Markdown referencia
- A dive into R Markdown
- Información de Rmarkdown en R Studio
- Template para documentos científicos con Rmarkdown
- Formatos a medida para R Markdown
- 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
- Chuleta de expresiones regulares
- Regular Expressions Every R programmer Should Know
- Regular Expression Language - Quick Reference
- Dealing with Regular Expressions
- Writing an R package from scratch
- 16 Cursos
- Galerias de graficos
- Curso Caltech. Learning from data
- Usar git
- Blogs con github y Blogs con github y RStudio
- Ejemplos de Shiny
- UK government using R to modernize reporting of official statistics
- Ggplot
- Sistemas de Coordenadas. Aqui y aqui
- Codificación de caracteres
- Tutorials for learning R
- Awesome R
- R Data Science Tutorials
- useR! Machine Learning Tutorial
- Computerworld - Paquetes de R interesantes
- Otra lista de recursos variados en Github
- Tipos de licencias de software
- Glosario de Machine Learning de Google
- Google Rules of Machine Learning: Best Practices for ML Engineering
- Statistical Learning de Stanford 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)

- [htmlwidgets for R - gallery](#)
- [Free R Reading Material](#)
- [The Chartmaker Directory](#)
- [Kaggle Winning Solutions](#)
- [Simplifying the ROC and AUC metrics](#)
- [Feature Engineering for Machine Learning](#)
- [Awesome Data Science](#)
- [Data Scientist Roadmap](#)
- [Data Science Collected Resources](#)
- [Data Science Cheatsheets](#)
- [Data Science Resources](#)
- [R for Water Resources Data Science](#)
- [GIS and mapping](#)
- [R package primer](#)
- [Using Geospatial Data in R](#)
- [Cómo crear una API en Python](#)
- [Cursos para aprender más sobre R](#)
- [Estadística con R](#)
- [Practical Introduction to Web Scraping in R](#)
- [R for Water Resources Data Science](#)
- [A ggplot2 Tutorial for Beautiful Plotting in R](#)
- [Bivariate Choropleth Maps: A How-to Guide](#)
- [Tipos de licencias open data (minicurso de data.europa.edu)](#)
- Legalidad Web sraping: [Is Web Scraping Legal? : The Definitive Guide](#) 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.

Libros

- [R Markdown Cookbook](#)
- [R Markdown: The Definitive Guide](#)
- [Todos los libros en bookdown](#)
- [R intro](#)
- [R for everyone](#)
- [R in action](#)
- [R Programming for Data Science. Roger D. Peng.](#)
- [R para principiantes](#)
- [Introducción a R](#)
- [R para profesionales de los datos: una introducción](#)
- [10 Free Must-Read Books for Machine Learning and Data Science](#)
- Introduction to Data Science [Libro](#) y [Código](#)
- Fundamentals of Data Visualization [Libro](#) y [Código](#)
- Data Science Live Book [Libro](#) y [Código](#)
- R for Statistical Learning [Libro](#) y [Código](#)
- Applied Statistics with R [Libro](#) y [Código](#)

- Geocomputation with R Libro y Código
- Handling Strings with R
- Text Mining with R
- Efficient R programming
- BBC Visual and Data Journalism cookbook for R graphics
- Databases using R by RStudio
- Interpretable Machine Learning
- Forecasting: Principles and Practice
- Bioinformática Estadística. Análisis estadístico de datos Ómicos
- Estadística básica
- Probabilidad básica
- Estadística básica
- An Introduction to Spatial Data Analysis and Visualisation in R
- Exploratory Data Analysis with R - Roger D. Peng
- What They Forgot to Teach You About R
- Mastering Apache Spark with R Libro y Código
- Hands-On Machine Learning with R
- Hands-On Programming with R
- The 20 Best Data Science Books Available online in 2020
- Creating APIs in R with Plumber
- Geospatial Health Data: Modeling and Visualization with R-INLA and Shiny
- Advanced Spatial Modeling with Stochastic Partial Differential Equations Using R and INLA
- Estilometría, análisis de textos en R para filólogos
- Engineering Production-Grade Shiny Apps
- Bayesian inference with INLA
- Happy Git and GitHub for the useR
- R for Data Science. Inglés y Castellano
- Data Visualization with R
- Big Book of R
- JavaScript for R
- Hands-On Data Visualization
- Fundamentals of Data Visualization
- Supervised Machine Learning for Text Analysis in R
- Modern R with the tidyverse
- Spatial Microsimulation with R
- R Advanced Spatial Lessons
- R Packages
- R Graphics Cookbook
- Advanced R
- rstudio4edu
- R for Health Data Science
- Linear Algebra for Data Science
- Aprendizaje Estadístico con R
- Simulación Estadística con R
- R para profesionales de los datos: una introducción
- Aprendiendo R sin morir en el intento
- Interpretable Machine Learning
- The caret Package
- Elegant and informative maps with tmap
- Spatial Modelling for Data Scientists
- Command Line Basics for R Users
- Engineering Production-Grade Shiny Apps
- Outstanding User Interfaces with Shiny
- The Shiny AWS Book

- Twitter for Scientists
- Spatial Data Science
- Handbook of Graphs and Networks in People Analytics
- Officeverse R & Office
- Spatial Analysis With R
- R Programming for Data Science
- The R Book
- R Notes for Professionals
- An Introduction to Spatial Data Analysis and Visualisation in R
- A Practical Guide to Geostatistical Mapping
- Think Bayes 2e
- Quantitative Politics with R
- Data Science in Education Using R
- Data Skills for Reproducible Science
- Handbook of Regression Modeling in People Analytics
- Handbook of Graphs and Networks in People Analytics With Examples in R and Python
- Tidy Finance with R
- Predictive Soil Mapping with R
- Deep Learning
- Technical Foundations of Informatics
- YaRrr! The Pirate's Guide to R
- An R companion to Statistics: data analysis and modelling
- Learning Statistics with R
- Happy Git and GitHub for the useR
- Introduction to Econometrics with R
- R4JournalismBook
- Libro Vivo de Ciencia de Datos
- Introduction to Probability for Data Science
- Spatial Data Science with applications in R
- R for Data Analysis
- Data Analysis and Prediction Algorithms with R
- Análisis de datos y algoritmos de predicción con R
- The Art of Data Science
- R for data science: tidyverse and beyond
- Statistical Inference via Data Science
- Introduction to urban accessibility: a practical guide in R
- Tidy Finance
- Deep Learning and Scientific Computing with R torch
- Econometrics with the Tidyverse
- Building reproducible analytical pipelines with R
- Satellite Image Time Series Analysis on Earth Observation Data Cubes
- Spatial Statistics for Data Science: Theory and Practice with R
- Geographic Data Science with R: Visualizing and Analyzing Environmental Change
- Apache Arrow R Cookbook
- An Introduction to R and Python For Data Analysis: A Side By Side Approach
- Using the flextable R package
- Spatial sampling with R
- Interactive web-based data visualization with R, plotly, and shiny
- Modern Data Science with R
- Quarto for Scientists
- Introduction to Environmental Data Science
- Manual de R
- Modern R with the tidyverse
- Tidy Modeling with R

- Data Analysis in Medicine and Health using R
- Crime by the Numbers: A Criminologist's Guide to R
- R Tutorial: Mastering Data Analysis and More
- Data transformation with R
- Data Visualization and Exploration with R
- Introduction to Probability and Statistics Using R
- Fundamentos de ciencia de datos con R
- Financial Risk Modelling and Portfolio Optimization with R
- R in Finance: Introduction to R and Its Applications in Finance
- Deep R Programming
- Beyond Multiple Linear Regression
- Analyzing US Census Data: Methods, Maps, and Models in R
- Psychometrics in Exercises using R and RStudio
- Introduction to NFL Analytics with R
- Feature Engineering and Selection: A Practical Approach for Predictive Models
- Applied Machine Learning Using mlr3 in R
- Behavior Analysis with Machine Learning Using R
- Data Analytics: A Small Data Approach
- R for Social Network Analysis
- Cookbook Polars for R
- DIY API with Make and {plumber}
- ggplot2: Elegant Graphics for Data Analysis (3e)
- R for the Rest of Us: A Statistics-Free Introduction
- Un Recorrido por los Métodos Cuantitativos en Ciencias Sociales a bordo de R
- What They Forgot to Teach You About R
- Tidyverse Skills for Data Science
- A Business Analyst's Introduction to Business Analytics
- Telling Stories with Data
- The tidyverse style guide
- Empirical Research in Accounting: Tools and Methods
- Data Visualization with R
- Introduction to MySQL with R
- Physical Oceanography Distributed Active Archive Center totorials