Open Data

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Este fichero es copia de uno alojado en Github, en este [link](https://github.com/santiagomota/Open_Data) y que se actualiza periódicamente.

## Fuentes de datos abiertos y APIs

* [CRAN Task View OpenData](https://github.com/ropensci/opendata)
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* [Revolution Analytics datasets (Microsoft R)](https://mran.revolutionanalytics.com/documents/data/)
* [UCI Machine Learning Repository](http://archive.ics.uci.edu/ml/)
* [DH Network](http://opendhn.dhnetwork.opendata.arcgis.com/)
* [9 Datasets para sistemas de recomendación](http://www.lab41.org/nine-datasets-for-investigating-recommender-systems/?utm_campaign=Data%2BElixir&utm_medium=email&utm_source=Data_Elixir_71)
* [Helsinki Open Data](http://www.hri.fi/en/)
* [Datasets de Quandl](https://www.quandl.com/search?query=)
* Amazon AWS: [este](http://aws.amazon.com/es/datasets/) y [este](https://aws.amazon.com/es/public-data-sets/)
* [Gobierno Estados Unidos](http://www.data.gov/)
* [Datos abiertos de la Unión Europea](http://open-data.europa.eu/es/data/)
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## Otras referencias interesantes

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* [Estadística con R](https://www.cienciadedatos.net/estadistica-con-r.html)
* [Practical Introduction to Web Scraping in R](https://blog.rsquaredacademy.com/web-scraping/)
* [R for Water Resources Data Science](https://www.r4wrds.com/)
* [A ggplot2 Tutorial for Beautiful Plotting in R](https://cedricscherer.netlify.app/2019/08/05/a-ggplot2-tutorial-for-beautiful-plotting-in-r/)
* [Bivariate Choropleth Maps: A How-to Guide](https://www.joshuastevens.net/cartography/make-a-bivariate-choropleth-map/)

## Libros

* [Todos los libros en bookdown](https://bookdown.org/home/archive/)
* [R intro](https://cran.r-project.org/doc/manuals/R-intro.pdf)
* [R for everyone](https://www.jaredlander.com/r-for-everyone/)
* [R in action](https://www.manning.com/books/r-in-action-second-edition)
* [R Programming for Data Science. Roger D. Peng.](https://leanpub.com/rprogramming)
* [R para principiantes](https://cran.r-project.org/doc/contrib/rdebuts_es.pdf)
* [Introducción a R](https://cran.r-project.org/doc/contrib/R-intro-1.1.0-espanol.1.pdf)
* [R para profesionales de los datos: una introducción](https://www.datanalytics.com/libro_r/)
* [10 great books about R](https://www.datasciencecentral.com/profiles/blogs/10-great-books-about-r-1)
* [10 Free Must-Read Books for Machine Learning and Data Science](https://www.kdnuggets.com/2017/04/10-free-must-read-books-machine-learning-data-science.html?utm_content=bufferc386f&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer)
* Introduction to Data Science [Libro](https://rafalab.github.io/dsbook/) y [Código](https://github.com/rafalab/dsbook)
* Fundamentals of Data Visualization [Libro](http://serialmentor.com/dataviz/?utm_content=buffer7a991&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer) y [Código](https://github.com/clauswilke/dataviz)
* Data Science Live Book [Libro](https://livebook.datascienceheroes.com/) y [Código](https://github.com/pablo14/data-science-live-book)
* R for Statistical Learning [Libro](https://daviddalpiaz.github.io/r4sl/) y [Código](https://github.com/daviddalpiaz/r4sl)
* Applied Statistics with R [Libro](https://daviddalpiaz.github.io/appliedstats/) y [Código](https://github.com/daviddalpiaz/appliedstats)
* Geocomputation with R [Libro](https://geocompr.robinlovelace.net/) y [Código](https://github.com/Robinlovelace/geocompr/)
* [Handling Strings with R](http://www.gastonsanchez.com/r4strings/)
* [Text Mining with R](https://www.tidytextmining.com/)
* [Efficient R programming](https://csgillespie.github.io/efficientR/)
* [BBC Visual and Data Journalism cookbook for R graphics](https://bbc.github.io/rcookbook/)
* [Databases using R by RStudio](https://db.rstudio.com/getting-started/)
* [Interpretable Machine Learning](https://christophm.github.io/interpretable-ml-book/)
* [Forecasting: Principles and Practice](https://otexts.com/fpp2/)
* [Bioinformática Estadística. Análisis estadístico de datos Ómicos](https://www.uv.es/ayala/docencia/tami/tami13.pdf)
* [Estadística básica](https://www.uv.es/ayala/docencia/nmr/nmr13.pdf)
* [Análisis de datos con R](https://www.uv.es/ayala/docencia/ad/ad13.pdf)
* [An Introduction to Spatial Data Analysis and Visualisation in R](https://www.spatialanalysisonline.com/An%20Introduction%20to%20Spatial%20Data%20Analysis%20in%20R.pdf)
* [Exploratory Data Analysis with R - Roger D. Peng](https://bookdown.org/rdpeng/exdata/)
* [What They Forgot to Teach You About R](https://whattheyforgot.org/)
* Mastering Apache Spark with R [Libro](https://therinspark.com/intro.html) y [Código](https://github.com/r-spark/the-r-in-spark)
* [Hands-On Machine Learning with R](https://bradleyboehmke.github.io/HOML/)
* [Hands-On Programming with R](https://rstudio-education.github.io/hopr/)
* [The 20 Best Data Science Books Available online in 2020](https://www.ubuntupit.com/best-data-science-books-available-online/)
* [Creating APIs in R with Plumber](https://www.rplumber.io/docs/index.html)
* [Geospatial Health Data: Modeling and Visualization with R-INLA and Shiny](http://www.paulamoraga.com/book-geospatial/)
* [Advanced Spatial Modeling with Stochastic Partial Differential Equations Using R and INLA](https://becarioprecario.bitbucket.io/spde-gitbook/)
* [Estilometría, análisis de textos en R para filólogos](http://www.aic.uva.es/cuentapalabras/presentacion.html)
* [Engineering Production-Grade Shiny Apps](https://engineering-shiny.org/)
* [Bayesian inference with INLA](https://becarioprecario.bitbucket.io/inla-gitbook/index.html)
* [Happy Git and GitHub for the useR](https://happygitwithr.com/)
* R for Data Science. [Inglés](https://es.r4ds.hadley.nz/) y [Castellano](https://es.r4ds.hadley.nz/)
* [Data Visualization with R](https://rkabacoff.github.io/datavis/)
* [Big Book of R](https://www.bigbookofr.com/index.html)
* [JavaScript for R](https://book.javascript-for-r.com/)
* [Hands-On Data Visualization](https://handsondataviz.org/)
* [Fundamentals of Data Visualization](https://github.com/clauswilke/dataviz)
* [Supervised Machine Learning for Text Analysis in R](https://smltar.com/)
* [Modern R with the tidyverse](https://b-rodrigues.github.io/modern_R/)
* [Spatial Microsimulation with R](https://spatial-microsim-book.robinlovelace.net/index.html)
* [R Advanced Spatial Lessons](https://bbest.github.io/R-adv-spatial-lessons/)
* [R Packages](https://r-pkgs.org/)
* [R Graphics Cookbook](https://r-graphics.org/index.html)
* [Advanced R](https://adv-r.hadley.nz/index.html)
* [rstudio4edu](https://rstudio4edu.github.io/rstudio4edu-book/)
* [R for Health Data Science](https://argoshare.is.ed.ac.uk/healthyr_book/)
* [Linear Algebra for Data Science](https://shainarace.github.io/LinearAlgebra/index.html)
* [Aprendizaje Estadístico con R](https://rubenfcasal.github.io/aprendizaje_estadistico/index.html)
* [Simulación Estadística con R](https://rubenfcasal.github.io/simbook/)
* [R para profesionales de los datos: una introducción](https://datanalytics.com/libro_r/)
* [Aprendiendo R sin morir en el intento](https://aprendiendo-r-intro.netlify.app/)
* [Interpretable Machine Learning](https://christophm.github.io/interpretable-ml-book/)
* [The caret Package](http://topepo.github.io/caret/index.html)
* [Elegant and informative maps with tmap](https://r-tmap.github.io/tmap-book/)
* [Spatial Modelling for Data Scientists](https://gdsl-ul.github.io/san/)
* [Command Line Basics for R Users](https://bash-intro.rsquaredacademy.com/)
* [Engineering Production-Grade Shiny Apps](https://engineering-shiny.org/)
* [Outstanding User Interfaces with Shiny](https://unleash-shiny.rinterface.com/)
* [The Shiny AWS Book](https://business-science.github.io/shiny-production-with-aws-book/)
* [Twitter for R programmers](https://www.t4rstats.com/)
* [Spatial Data Science](https://keen-swartz-3146c4.netlify.app/)
* [Handbook of Graphs and Networks in People Analytics](https://ona-book.org/)
* [Officeverse R & Office](https://ardata-fr.github.io/officeverse/index.html)
* [Spatial Analysis With R](http://gis.humboldt.edu/OLM/r/Spatial%20Analysis%20With%20R.pdf)
* [R Programming for Data Science](https://www.cs.upc.edu/~robert/teaching/estadistica/rprogramming.pdf)
* [The R Book](https://www.cs.upc.edu/~robert/teaching/estadistica/TheRBook.pdf)
* [R Notes for Professionals](https://books.goalkicker.com/RBook/)
* [An Introduction to Spatial Data Analysis and Visualisation in R](https://www.spatialanalysisonline.com/An%20Introduction%20to%20Spatial%20Data%20Analysis%20in%20R.pdf)
* [A Practical Guide to Geostatistical Mapping](http://spatial-analyst.net/book/system/files/Hengl_2009_GEOSTATe2c1w.pdf)
* [Think Bayes 2e](https://greenteapress.com/wp/think-bayes/)
* [Quantitative Politics with R](http://qpolr.com/)
* [Data Science in Education Using R](https://datascienceineducation.com/)
* [Data Skills for Reproducible Science](https://psyteachr.github.io/msc-data-skills/)
* [Handbook of Regression Modeling in People Analytics](https://peopleanalytics-regression-book.org/)
* [Handbook of Graphs and Networks in People Analytics With Examples in R and Python](https://ona-book.org/)
* [Social Data Science with R](https://www.sds.pub/index.html)
* [Tidy Finance with R](https://tidy-finance.org/)
* [Predictive Soil Mapping with R](https://soilmapper.org/)
* [Deep Learning](https://srdas.github.io/DLBook/)
* [Technical Foundations of Informatics](https://info201.github.io/)
* [YaRrr! The Pirate’s Guide to R](https://bookdown.org/ndphillips/YaRrr/)