Open Data

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[Enlace Github](https://github.com/santiagomota/Open_Data)

## Fuentes de datos abiertos y APIs

* [CRAN Task View OpenData](https://github.com/ropensci/opendata)
* [Datos en paquetes de R](http://stat.ethz.ch/R-manual/R-patched/library/datasets/html/00Index.html)
* [Kaggle datasets](https://www.kaggle.com/datasets)
* [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/)
* [Canada Open Government Portal](https://open.canada.ca/data/en/dataset?q=education)
* [UK Open Data](https://data.gov.uk/search)
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* [OCDE](https://data.oecd.org/)
* [19 Free Public Data Sets For Your First Data Science Project](https://www.mysliderule.com/blog/free-public-data-sets-data-science-project/?__s=atijywgwsusv7a2xfbee)
* [Open data EMT](http://opendata.emtmadrid.es/)
* [Datos abiertos del gobierno de España](http://datos.gob.es/)
* [Datos abiertos del Ayuntamiento de Madrid](http://datos.madrid.es/)
* [Datos abiertos de la Generalitat de Cataluña](http://dadesobertes.gencat.cat/es/)
* [Datos abiertos Junta de Andalucía](http://www.juntadeandalucia.es/datosabiertos/portal.html)
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* [Fuentes de datos espaciales](http://www.diva-gis.org/Data)
* [Opendata del CERN](http://opendata.cern.ch/)
* [Paquete de R ‘datasets’](http://stat.ethz.ch/R-manual/R-patched/library/datasets/html/00Index.html)
* [46 museos y bibliotecas que han digitalizado todo su conocimiento y lo ofrecen gratis en internet](http://www.xataka.com/otros/46-museos-y-bibliotecas-que-han-digitalizado-todo-su-conocimiento-humano)
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* [Google Cloud Vision API](https://cloud.google.com/vision/)
* [Análisis de 1.100 millones de trayectos de taxis y uber en NYC](https://github.com/toddwschneider/nyc-taxi-data)
* [European Data Portal](http://www.europeandataportal.eu/)
* [Propublica](https://www.propublica.org/data/)
* [NOAA. Agencia de meteo. USA.](http://www.nesdis.noaa.gov/index.html)
* [Datosclima. Base de datos meteo](http://datosclima.es/Aemet2013/DescargaDatos.html)
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* [Open Data Inception. 1.600 portales abiertos](http://wwwhatsnew.com/2016/03/19/open-data-inception-recopilacion-de-1600-portales-de-datos-abiertos/?utm_content=buffer4e4d4&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer)
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* [Deep Learning datastsets](http://deeplearning.net/datasets/)
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* [20 Awesome Websites For Collecting Big Data](https://datafloq.com/read/20-awesome-websites-for-collecting-big-data/2737?utm_source=Datafloq%20newsletter&utm_campaign=979b1fada5-EMAIL_CAMPAIGN_2017_03_13&utm_medium=email&utm_term=0_655692fdfd-979b1fada5-90449429)
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* [Una recopilación de APIs públicas](https://github.com/toddmotto/public-apis)
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* [Fondo Monetario Internacional](http://www.imf.org/en/data)
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* [Datos abiertos Ayuntamiento de Valencia](http://gobiernoabierto.valencia.es/es/data/)
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* [Kaggle Weekly Kernels Award Winner Announcements](https://www.kaggle.com/general/37924#post354114)
* [Open Data Renfe](http://data.renfe.com/)
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* [NASA](https://nssdc.gsfc.nasa.gov/)
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* [Universidad de Harvard](https://dataverse.harvard.edu/)
* MIT [1](http://web.mit.edu/towtank/www/vivdr/datasets.html) y [2](https://ocw.mit.edu/courses/sloan-school-of-management/15-097-prediction-machine-learning-and-statistics-spring-2012/datasets/)
* [Indiana University Click Dataset](http://cnets.indiana.edu/groups/nan/webtraffic/click-dataset/)
* [Pew Research Center](https://www.pewresearch.org/download-datasets/)
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* [Tematicas.org Recopilación de series e índices](https://tematicas.org/)

## Otras referencias interesantes

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* 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/)
* [Mastering Spark with R](https://therinspark.com/)
* [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/)