Open Data

by [Santiago Mota](https://www.linkedin.com/in/santiagomota/)

2025-03-28

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Recopilación de información sobre Open Data. Links, libros, blogs y otra información interesante.

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

Se ha incluido otra copia en [Kaggle](https://www.kaggle.com/code/santiagomota/open-data-links/).

Y se aloja en [Giithub](https://santiagomota.github.io/Open_Data/) y [Netlify](https://open-data-pages.netlify.app/).



https://github.com/santiagomota/Open\_Data



https://santiagomota.github.io/Open\_Data/



https://open-data-pages.netlify.app/

# Creo el link con:   
# usethis::create\_download\_url("https://github.com/santiagomota/Open\_Data")  
  
# Si me quiero bajar el repositorio completo en el directorio actual  
usethis::use\_course(  
 "https://github.com/santiagomota/Open\_Data/zipball/HEAD", destdir = ".")

## 1 Fuentes de datos abiertos y APIs

* [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)
* [25 Open Datasets for Deep Learning Every Data Scientist Must Work With](https://www.analyticsvidhya.com/blog/2018/03/comprehensive-collection-deep-learning-datasets/)
* [25 Satellite Maps To See Earth in New Ways](https://gisgeography.com/satellite-maps/)
* [30 Amazing (And Free) Big Data And AI Public Data Sources For 2018](https://www.linkedin.com/pulse/30-amazing-free-big-data-ai-public-sources-2018-bernard-marr/?trackingId=nkTXcNLieYPDBqZuB3KIsw%3D%3D&lipi=urn%3Ali%3Apage%3Ad_flagship3_feed%3B9KuSD9KfQ6ie%2BALso3gwvw%3D%3D&licu=urn%3Ali%3Acontrol%3Ad_flagship3_feed-object)
* [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)
* [AENA - Estadísticas de tráfico aéreo](https://www.aena.es/es/estadisticas/inicio.html)
* [Agencia Tributaria. Estadísticas](https://sede.agenciatributaria.gob.es/Sede/estadisticas.html)
* [AI for Copernicus - a data repository by CALLISTO](https://github.com/Agri-Hub/Callisto-Dataset-Collection)
* [AI4SmallFarms: A Data Set for Crop Field Delineation in Southeast Asian Smallholder Farms](https://phys-techsciences.datastations.nl/dataset.xhtml?persistentId=doi:10.17026/dans-xy6-ngg6)
* [AID: A Benchmark Dataset for Performance Evaluation of Aerial Scene Classification](https://captain-whu.github.io/AID/)
* [Alaska Satellite Facility](https://asf.alaska.edu/getstarted/)
* [Amazon product data 2014](http://jmcauley.ucsd.edu/data/amazon/)
* [Amazon product data 2018](https://nijianmo.github.io/amazon/index.html)
* [Análisis de 1.100 millones de trayectos de taxis y uber en NYC](https://github.com/toddwschneider/nyc-taxi-data)
* [API de Facebook](https://developers.facebook.com/docs/graph-api)
* [API de GitHub](https://developer.github.com/v3/)
* [Argo Floats](https://argo.ucsd.edu/) - Global ocean observations of temperature, salinity, and pressure.
* [API TomTom. Tráfico en ciudades](http://developer.tomtom.com/products/onlinenavigation/onlinetraffic/onlinetrafficflow)
* [Armed Conflict Location & Event Data Project (ACLED)](https://acleddata.com/)
* [ASTER Global DEM (GDEM)](https://lpdaac.usgs.gov/products/astgtmv003/) - ASTER Global Digital Elevation Model 1 arc second
* [ArcticDEM](https://www.pgc.umn.edu/data/arcticdem/) - High-resolution DEM for the Arctic region
* [Awesome Geospatial](https://github.com/sacridini/Awesome-Geospatial)
* [Awesome Public Datasets 1](https://github.com/dipanjanS/awesome-public-datasets)
* [Awesome Public Datasets 2](https://github.com/awesomedata/awesome-public-datasets)
* [Awesome Sentinel. Copernicus Sentinel Satellites resources](https://github.com/Fernerkundung/awesome-sentinel)
* [awesome-gee-community-datasets](https://github.com/samapriya/awesome-gee-community-datasets)
* [AWS Data Exchange](https://docs.aws.amazon.com/data-exchange/)
* [AWS Datasets](https://registry.opendata.aws/)
* [AWS Open Data Geo](https://github.com/opengeos/aws-open-data-geo)
* [AWS Open Data](https://github.com/opengeos/aws-open-data)
* [Ayuntamiento de Madrid. Censo de locales, sus actividades y terrazas de hostelería y restauración](https://datos.gob.es/es/catalogo/l01280796-censo-de-locales-sus-actividades-y-terrazas-de-hosteleria-y-restauracion-historico1)
* [Berkeley Earth](https://berkeleyearth.org/data/) - Global land temperature and air pollution datasets.
* [Blog. 100 recursos sobre Big Data y Data Science](https://www.todobi.com/mas-de-100-recursos-sobre-big-data-y/)
* [British Ordnance Survey Data Hub](https://osdatahub.os.uk/)
* [BUILDING OUTLINE EXTRACTION OF ENSCHEDE, THE NETHERLANDS USING AERIAL IMAGES AND DIGITAL SURFACE MODELS](https://easy.dans.knaw.nl/ui/datasets/id/easy-dataset:257588)
* [CaixaBank Research](https://www.caixabankresearch.com/es)
* [CGIAR-CSI SRTM](https://csidotinfo.wordpress.com/data/srtm-90m-digital-elevation-database-v4-1/) - SRTM 90m Digital Elevation Database v4.1
* [Canada Open Government Portal](https://open.canada.ca/data/en/dataset?q=education)
* [Center for Applied Internet Data Analysis](https://www.caida.org/data/overview/)
* [Center for Disease Control](https://wonder.cdc.gov/)
* [CHIRPS: Rainfall Estimates from Rain Gauge and Satellite Observations](https://www.chc.ucsb.edu/data/chirps) - High-resolution precipitation data.
* [CIS. Centro de Investigaciones Sociológicas](https://www.cis.es/inicio)
* [Climate Data Online](https://www.ncdc.noaa.gov/cdo-web/)
* [Climate Change Knowledge Porta](https://climateknowledgeportal.worldbank.org/) - Country-specific climate risks, data, and projections.
* [Climate TRACE](https://climatetrace.org/data)
* [Cómo los datos abiertos pueden ayudar en la crisis de los refugiados](https://datos.gob.es/es/blog/como-los-datos-abiertos-pueden-ayudar-en-la-crisis-de-los-refugiados?utm_source=newsletter&utm_medium=email&utm_campaign=Datos-en-tiempo-real-open-access-y-mucho-ms-en-datosgobes)
* [Copernicus Atmosphere Monitoring Service (CAMS) Global Near-Real-Time](https://developers.google.com/earth-engine/datasets/catalog/ECMWF_CAMS_NRT)
* [Copernicus Open Access Hub](https://scihub.copernicus.eu/dhus/#/home)
* [Copernicus DEM](https://spacedata.copernicus.eu/collections/copernicus-digital-elevation-model) - European Digital Elevation Model (EU-DEM)
* [Copernicus Marine Environment Monitoring Service (CMEMS)](https://marine.copernicus.eu/) - Ocean monitoring for sea surface temperature, sea level, and salinity.
* [CRAN Task View OpenData](https://github.com/ropensci/opendata)
* [Crimen en UK](https://data.police.uk/)
* [DANS Data Station Physical and Technical Sciences](https://phys-techsciences.datastations.nl/)
* [Data Derived from OpenStreetMap for Download](https://osmdata.openstreetmap.de/)
* [Data Kicks](https://data-kicks.com/index.php/blog/)
* [Data on CO2 and Greenhouse Gas Emissions by Our World in Data](https://github.com/owid/co2-data/tree/master)
* [Data World](https://data.world/)
* [Datasets de ejemplo de IBM Watson Analytics](https://www.ibm.com/communities/analytics/watson-analytics-blog/guide-to-sample-datasets/)
* [Datasets de Quandl](https://www.quandl.com/search?query=)
* [Dataset4EO](https://github.com/EarthNets/Dataset4EO)
* [Datos abiertos Ayuntamiento de Valencia](https://www.valencia.es/cas/ayuntamiento/gobierno-abierto)
* [Datos abiertos de la Generalitat de Cataluña](http://dadesobertes.gencat.cat/es/)
* [Datos abiertos de la Unión Europea](https://data.europa.eu/es)
* [Datos abiertos de Santander](http://datos.santander.es/)
* [Datos abiertos del Ayuntamiento de Madrid](http://datos.madrid.es/)
* [Datos Abiertos del Consorcio Regional de Transportes de Madrid](https://datos.crtm.es/)
* [Datos abiertos del gobierno de España](http://datos.gob.es/)
* [Datos abiertos Junta de Andalucía](http://www.juntadeandalucia.es/datosabiertos/portal.html)
* [Datos de la Eurocopa 2024](https://github.com/Jelagmil/Euro2024_data)
* [Datos de todos los vuelos en USA entre 1987 y 2008 (datos originales)](http://stat-computing.org/dataexpo/2009/the-data.html)
* [Datos de todos los vuelos en USA entre 1987 y 2008 (otra fuente y ejemplos de uso en H2O). 120G](https://github.com/h2oai/h2o-2/wiki/Hacking-Airline-DataSet-with-H2O)
* [Datos estadísticos DGT](https://sedeapl.dgt.gob.es/WEB_IEST_CONSULTA/)
* [Datosclima. Base de datos meteo](http://datosclima.es/Aemet2013/DescargaDatos.html)
* [DH Network](http://opendhn.dhnetwork.opendata.arcgis.com/)
* [Digital Earth Africa (DE Africa) Map](https://www.digitalearthafrica.org/platform-resources/platform)
* [Dirección General de Tráfico (DGT)](https://sedeapl.dgt.gob.es/WEB_IEST_CONSULTA/inicio.faces)
* [Dynamic World V1 Land Use](https://developers.google.com/earth-engine/datasets/catalog/GOOGLE_DYNAMICWORLD_V1)
* [EarthEnv-DEM90 digital elevation model](https://www.earthenv.org/DEM) - Global DEM created from multiple datasets
* [EarthView dataset](https://huggingface.co/datasets/satellogic/EarthView)
* [ECMWF ERA5](https://www.ecmwf.int/en/forecasts/dataset/ecmwf-reanalysis-v5) - Hourly reanalysis climate data (temperature, precipitation, wind, etc.).
* [EM-DAT - The international disaster database](https://www.emdat.be/)
* [EDGAR - Emissions Database for Global Atmospheric Research](https://edgar.jrc.ec.europa.eu/emissions_data_and_maps)
* [EnMAP. The German Spaceborne Imaging Spectrometer Mission](https://www.enmap.org/)
* [El planeta Tierra en AWS](https://aws.amazon.com/es/earth/)
* [ERA DATASET. Dataset and Deep Learning Benchmark for Event Recognition in Aerial Videos](https://lcmou.github.io/ERA_Dataset/)
* [ERA5 Daily Aggregates - Latest Climate Reanalysis Produced by ECMWF / Copernicus Climate Change Service](https://developers.google.com/earth-engine/datasets/catalog/ECMWF_ERA5_DAILY)
* [ESA OpenSR - Robust, accountable super-resolution for Sentinel-2 and beyond](https://isp.uv.es/opensr/)
* [ESA Third Party Missions (TPM)](https://earth.esa.int/eogateway/missions/third-party-missions)
* [ESA WorldCover 2021. Global land cover product at 10 m for 2021 based on Sentinel-1 and 2 data](https://worldcover2021.esa.int/)
* [España. Estadísticas de mercado de trabajo](https://www.mites.gob.es/es/estadisticas/mercado_trabajo/index.htm)
* [España. Inmigración. Estadísticas](https://www.inclusion.gob.es/web/opi/estadisticas)
* [España. Seguridad Social. Estadísticas](https://www.seg-social.es/wps/portal/wss/internet/EstadisticasPresupuestosEstudios/Estadisticas)
* [Esri Open Data Hub](https://hub.arcgis.com/search)
* [European Banking Authority (EBA)](https://www.eba.europa.eu/risk-and-data-analysis)
* [European Data Portal](https://www.europeandataportal.eu/)
* [European Forest Fire Information System (EFFIS)](https://forest-fire.emergency.copernicus.eu/)
* [FAO Map Catalog](http://www.fao.org/geonetwork)
* [FAO’s Global Information System on Water and Agriculture](https://www.fao.org/aquastat/en/geospatial-information/wapor)
* [FBREF - Estadísticas e Historia del Fútbol](https://fbref.com/es/)
* [Fields of The World (FTW)](https://beta.source.coop/repositories/kerner-lab/fields-of-the-world/description/)
* [Fivethirtyeight](https://data.fivethirtyeight.com/)
* [FLUXNET](https://fluxnet.org/) - Data from flux towers for carbon, water, and energy exchange monitoring.
* [Fondo Monetario Internacional](http://www.imf.org/en/data)
* [Free GIS Data](http://freegisdata.rtwilson.com/)
* [Freshwater Ecoregions of the World](https://www.worldwildlife.org/pages/freshwater-ecoregions-of-the-world--2)
* [Fuentes de datos espaciales (Diva-GIS)](https://diva-gis.org/)
* [Functional Map of the World (fMoW) Dataset](https://github.com/fMoW/dataset)
* [Gapminder](https://www.gapminder.org/data/)
* [gee-community-catalog](https://gee-community-catalog.org/)
* [geoBoundaries](https://www.geoboundaries.org/)
* [geodata.state.gov](https://geodata.state.gov/geonetwork/srv/spa/catalog.search#/home)
* [GEBCO (General Bathymetric Chart of the Oceans)](https://www.gebco.net/) - Bathymetric DEM for ocean floors
* [Geonames Cities with population > 5000](https://documentation-resources.opendatasoft.com/explore/dataset/doc-geonames-cities-5000/table/)
* [Geoportal Registradores](https://geoportal.registradores.org/)
* [Geospatial Data Catalogs](https://github.com/opengeos/geospatial-data-catalogs)
* [Geospatial Data Abstraction Library (GDAL) links](https://gdal.org/en/stable/) - Provides links to raster datasets from various organizations.
* [GHSL - Global Human Settlement Layer](https://human-settlement.emergency.copernicus.eu/download.php?ds=bu)
* [Global Forest Change 2000-2023](https://storage.googleapis.com/earthenginepartners-hansen/GFC-2023-v1.11/download.html)
* [Global Flood Database v1 (2000-2018)](https://developers.google.com/earth-engine/datasets/catalog/GLOBAL_FLOOD_DB_MODIS_EVENTS_V1)
* [Global Health Observatory (GHO) API](https://www.who.int/data/gho/info/gho-odata-api)
* GLOPOP-S. A global dataset of 7 billion individuals with socio-economic characteristics (sintetic) [Data](https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/KJC3RH) [Github](https://github.com/VU-IVM/GLOPOP-S) [Paper](https://www.nature.com/articles/s41597-024-03864-2)
* [Global Historical Climatology Network (GHCN)](https://www.ncei.noaa.gov/products/land-based-station/global-historical-climatology-network-daily) - Weather station data for precipitation, temperature, and more.
* [Global Land Cover Facility](https://www.un-spider.org/links-and-resources/data-sources/global-land-cover-facility-university-maryland-nasa-gofc-gold) - Land cover and vegetation datasets.
* [Global Wildfire Information System (GWIS)](https://gwis.jrc.ec.europa.eu/)
* [Gobierno Estados Unidos](http://www.data.gov/)
* [Google Books Ngram Viewe](http://storage.googleapis.com/books/ngrams/books/datasetsv2.html)
* [Google Cloud Vision API](https://cloud.google.com/vision/)
* [Google Datset Search](https://datasetsearch.research.google.com/)
* [Google Earth Engine Catalog](https://github.com/opengeos/Earth-Engine-Catalog)
* [Google finanzas](http://www.google.com/finance/)
* [Google Open Buildings](https://sites.research.google/gr/open-buildings/)
* [Google Patents Public Data](https://console.cloud.google.com/marketplace/product/google_patents_public_datasets/google-patents-public-data)
* [Google Public Data](https://www.google.com/publicdata/directory)
* [Google-Microsoft-OSM Open Buildings - combined by VIDA](https://beta.source.coop/repositories/vida/google-microsoft-osm-open-buildings/description/)
* [Helsinki Open Data](http://www.hri.fi/en/)
* [Hugging Face Datasets](https://huggingface.co/datasets)
* [HydroRIVERS](https://www.hydrosheds.org/products/hydrorivers)
* [Idealista ux&tech](https://www.idealista.com/labs/blog/)
* [idealista18 - 2018 real estate listings in Spain. 3 cities](https://github.com/paezha/idealista18)
* [ImageNet database](http://www.image-net.org/)
* [Infraestructura de Datos Espaciales de España](https://idee.es/web/idee/inicio)
* [Infraestructura de Datos Espaciales de la Comunidad de Madrid](http://www.madrid.org/cartografia/idem/html/web/index.htm)
* [IPUMS GIS Boundary Files](https://international.ipums.org/international/gis.shtml)
* [ISCGM Global Map](https://globalmaps.github.io/)
* [ISIMIP3b bias-adjusted atmospheric climate input data](https://data.isimip.org/datasets/24cb1007-3c96-4b59-a0dc-42d94a8cff8c/)
* [JAXA’s Global ALOS 3D World (AW3D30)](https://www.eorc.jaxa.jp/ALOS/en/dataset/aw3d30/aw3d30_e.htm) - ALOS Global Digital Surface Model “ALOS World 3D - 30m (AW3D30)”
* [Kaggle datasets](https://www.kaggle.com/datasets)
* [Kaggle Weekly Kernels Award Winner Announcements](https://www.kaggle.com/general/37924#post354114)
* [Land Information New Zealand (LINZ) Data Service](https://data.linz.govt.nz/)
* [Legacy Aircraft Noise and Performance (ANP) data](https://www.easa.europa.eu/en/domains/environment/policy-support-and-research/aircraft-noise-and-performance-anp-data/anp-legacy-data)
* [LinkedIn - Data for Impact](https://economicgraph.linkedin.com/data-for-impact)
* [Lista de algunos datatsets dentro de paquetes de R](https://vincentarelbundock.github.io/Rdatasets/datasets.html)
* [M3LEO: A Multi-Modal Multi-Label Earth Observation Dataset](https://huggingface.co/M3LEO)
* [Mapas de Open Street Maps](http://download.geofabrik.de/)
* [Marine Regions](https://marineregions.org/downloads.php)
* [Marine Cadastre (AIS)](https://hub.marinecadastre.gov/)
* [Mendeley Data](https://data.mendeley.com/)
* [Microsoft - A Planetary Computer for a Sustainable Future](https://planetarycomputer.microsoft.com/)
* [Microsoft Cognitive Services](https://www.microsoft.com/cognitive-services/)
* [Microsoft Research Open Data](https://msropendata.com/)
* [More datasets for teaching data science: The expanded dslabs package](https://simplystatistics.org/posts/2019-07-19-more-datasets-for-teaching-data-science-the-expanded-dslabs-package/)
* [Multi-Temporal Crop Classification with HLS Imagery across CONUS](https://beta.source.coop/repositories/clarkcga/multi-temporal-crop-classification/description/)
* [Multimodal Remote Sensing Benchmark Datasets for Land Cover Classification](https://github.com/danfenghong/ISPRS_S2FL)
* [Naciones Unidas. Datos detallados de comercio global](https://comtradeplus.un.org/)
* [NAIP: National Agriculture Imagery Program](https://developers.google.com/earth-engine/datasets/catalog/USDA_NAIP_DOQQ)
* [NASA Common Metadata Repository (CMR) SpatioTemporal Asset Catalog (STAC)](https://github.com/opengeos/aws-open-data-stac)
* [NASA Earth Observations (NEO)](https://neo.gsfc.nasa.gov/)
* [NASA](https://nssdc.gsfc.nasa.gov/)
* NASA Fire Information for Resource Management System (FIRMS) [Link1](https://firms.modaps.eosdis.nasa.gov/) [Link2](https://www.earthdata.nasa.gov/data/tools/firms) - Near real-time data on wildfires from MODIS and VIIRS satellites.
* [NASA Earthdata](https://earthdata.nasa.gov/) - Shuttle Radar Topography Mission (SRTM)
* [NASA POWER (Prediction of Worldwide Energy Resources)](https://power.larc.nasa.gov/) - Provides global weather and solar radiation data for energy, agriculture, and environmental sectors.
* [NASDAQ](https://indexes.nasdaqomx.com/Index/History/NQASPA8600AUD)
* [National Historical Geographic Information System (NHGIS)](https://www.nhgis.org/)
* [National Map (USGS)](https://www.usgs.gov/programs/national-geospatial-program/national-map) - National Elevation Dataset (NED), LiDAR, and more
* [Natural Earth Data](https://www.naturalearthdata.com/downloads/) - Raster data for relief and shaded relief imagery.
* [Natural Earth](http://www.naturalearthdata.com/)
* [Nature Scientific Data](https://www.nature.com/sdata/)
* [NHS Digital](digital.nhs.uk/data-and-information/statistical-publications-open-data-and-data-products)
* [NHSR datasets](https://github.com/nhs-r-community/NHSRdatasets)
* [NLP Datasets](https://github.com/niderhoff/nlp-datasets/blob/master/README.md)
* [NOAA Daily Global Historical Climatology Network - Kaggle dataset](https://www.kaggle.com/noaa/ghcn-d)
* [NOAA. Agencia de meteo. USA.](http://www.nesdis.noaa.gov/index.html)
* [NOAA Global Forecast System (GFS)](https://www.ncei.noaa.gov/) - Weather forecasts for temperature, precipitation, and wind.
* [OCDE Data](https://www.oecd.org/en/data.html)
* [One versus One - European football statistics](https://one-versus-one.com/en)
* [Openaerialmap](https://openaerialmap.org/) - Aerial imagery collected by individuals and organizations.
* [Open Africa dataset](https://open.africa/dataset)
* [Open Data Barometer](https://opendatabarometer.org/?_year=2017&indicator=ODB)
* [Open data EMT](http://opendata.emtmadrid.es/)
* [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)
* [Open Data Renfe](http://data.renfe.com/)
* [Open Data Sources Database](https://anthonyhuntley.com/data-science-databases/#DataSourceDatabase)
* [Open High-Resolution Satellite Imagery: The WorldStrat Dataset – With Application to Super-Resolution](https://arxiv.org/abs/2207.06418)
* [Open Topography](https://opentopography.org/) - Various high-resolution DEM datasets from LiDAR and other sources
* [Open Trade Statistics](https://tradestatistics.io/)
* [openaddresses](https://openaddresses.io/)
* [OpenCelliD - Open Database of Cell Towers](https://www.opencellid.org/downloads.php)
* [Opendata del CERN](http://opendata.cern.ch/) **Error**
* [Opendatasoft](https://documentation-resources.opendatasoft.com/explore/?sort=modified)
* [openflights.org/](https://openflights.org/)
* [OpenGEOS data](https://github.com/opengeos/data)
* [OpenWeatherMap](https://openweathermap.org/api)
* [OSM Landuse](https://osmlanduse.org/)
* OSM-Building-Classification [Data](https://osf.io/utgae/) [Code](https://github.com/gmuggs/OSM-Building-Classification) [Paper](https://www.nature.com/articles/s41597-024-04046-w) - Classification of 67,705,475 buildings across the United States into residential and non-residential
* [Overture - Fused-partitioned](https://beta.source.coop/repositories/fused/overture/description/)
* [Overture Maps](https://github.com/OvertureMaps/data)
* [Paquete de R ‘datasets’](http://stat.ethz.ch/R-manual/R-patched/library/datasets/html/00Index.html)
* [Paquete pasra acceder al API del Instituto de Canario de Estadística](https://github.com/rOpenSpain/istacbaser)
* [Pew Research Center](https://www.pewresearch.org/download-datasets/)
* [Planet SkySat Public Ortho Imagery, Multispectral](https://developers.google.com/earth-engine/datasets/catalog/SKYSAT_GEN-A_PUBLIC_ORTHO_MULTISPECTRAL)
* [Propublica](https://www.propublica.org/data/)
* [RapidAI4EO: A Corpus of Dense Time Series Satellite Imagery](https://beta.source.coop/repositories/planet/rapidai4eo/description/)
* [Rdatasets](https://vincentarelbundock.github.io/Rdatasets/articles/data.html)
* [Recopilación de datasets de BigML](https://blog.bigml.com/list-of-public-data-sources-fit-for-machine-learning/)
* [Red Eléctrica Española (REE) - API](https://www.ree.es/es/apidatos)
* [Red Natura 2000](https://www.miteco.gob.es/es/biodiversidad/servicios/banco-datos-naturaleza/informacion-disponible/rednatura2000_descargas.html)
* [Reddit datasets](https://www.reddit.com/r/datasets/)
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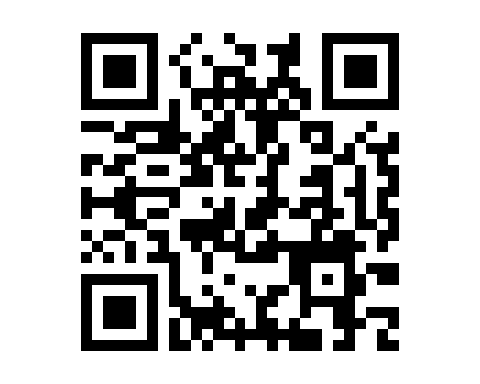
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* [Handbook of Graphs and Networks in People Analytics With Examples in R and Python](https://ona-book.org/)
* [Handbook of Regression Modeling in People Analytics](https://peopleanalytics-regression-book.org/)
* [Handling Strings with R](http://www.gastonsanchez.com/r4strings/)
* [Hands-On Data Visualization](https://handsondataviz.org/)
* [Hands-On Machine Learning with R](https://bradleyboehmke.github.io/HOML/)
* [Hands-On Programming with R](https://rstudio-education.github.io/hopr/)
* [Happy Git and GitHub for the useR](https://happygitwithr.com/)
* [Interpretable Machine Learning](https://christophm.github.io/interpretable-ml-book/)
* [Introducción a R](https://cran.r-project.org/doc/contrib/R-intro-1.1.0-espanol.1.pdf)
* [Introduction to Econometrics with R](https://www.econometrics-with-r.org/)
* [Introduction to Probability for Data Science](https://probability4datascience.com/index.html)
* [Introduction to urban accessibility: a practical guide in R](https://github.com/ipeaGIT/intro_access_book)
* [JavaScript for R](https://book.javascript-for-r.com/)
* [Large Language Model tools for R](https://luisdva.github.io/llmsr-book/)
* [Learning Statistics with R](https://learningstatisticswithr.com/)
* [Libro Vivo de Ciencia de Datos](https://librovivodecienciadedatos.ai/)
* [Linear Algebra for Data Science](https://shainarace.github.io/LinearAlgebra/index.html)
* [Model to Meaning](https://marginaleffects.com/)
* [Modern R with the tidyverse](https://b-rodrigues.github.io/modern_R/)
* [NASA Earthdata Cloud Cookbook](https://nasa-openscapes.github.io/earthdata-cloud-cookbook/)
* [Officeverse R & Office](https://ardata-fr.github.io/officeverse/index.html)
* [Open Source Technology in Clinical Data Analysis](https://phuse-org.github.io/OSTCDA/)
* [Outstanding User Interfaces with Shiny](https://unleash-shiny.rinterface.com/)
* [Predictive Soil Mapping with R](https://soilmapper.org/)
* [Probabilidad básica](https://www.uv.es/ayala/docencia/probabilidad/prob.pdf)
* [Quantitative Politics with R](http://qpolr.com/)
* [R Advanced Spatial Lessons](https://bbest.github.io/R-adv-spatial-lessons/)
* [R for Data Analysis](https://trevorfrench.github.io/R-for-Data-Analysis/)
* [R for data science: tidyverse and beyond](https://bookdown.org/Maxine/r4ds/)
* [R for everyone](https://www.jaredlander.com/r-for-everyone/)
* [R for Health Data Science](https://argoshare.is.ed.ac.uk/healthyr_book/)
* [R Graphics Cookbook](https://r-graphics.org/index.html)
* [R in action](https://www.manning.com/books/r-in-action-second-edition)
* [R intro](https://cran.r-project.org/doc/manuals/R-intro.pdf)
* [R Markdown Cookbook](https://bookdown.org/yihui/rmarkdown-cookbook/)
* [R Markdown: The Definitive Guide](https://bookdown.org/yihui/rmarkdown/)
* [R Notes for Professionals](https://books.goalkicker.com/RBook/)
* [R Packages](https://r-pkgs.org/)
* [R para principiantes](https://cran.r-project.org/doc/contrib/rdebuts_es.pdf)
* [R para profesionales de los datos: una introducción](https://datanalytics.com/libro_r/)
* [R Programming for Data Science. Roger D. Peng.](https://leanpub.com/rprogramming)
* [R Programming for Data Science](https://www.cs.upc.edu/~robert/teaching/estadistica/rprogramming.pdf)
* [R4JournalismBook](https://smach.github.io/R4JournalismBook/)
* [rstudio4edu](https://rstudio4edu.github.io/rstudio4edu-book/)
* [Simulación Estadística con R](https://rubenfcasal.github.io/simbook/)
* [Spatial Analysis With R](http://gis.humboldt.edu/OLM/r/Spatial%20Analysis%20With%20R.pdf)
* [Spatial Data Science with applications in R](https://r-spatial.org/book/)
* [Spatial Data Science](https://keen-swartz-3146c4.netlify.app/)
* [Spatial Microsimulation with R](https://spatial-microsim-book.robinlovelace.net/index.html)
* [Spatial Modelling for Data Scientists](https://gdsl-ul.github.io/san/)
* [Statistical Inference via Data Science](https://moderndive.com/index.html)
* [Supervised Machine Learning for Text Analysis in R](https://smltar.com/)
* [Technical Foundations of Informatics](https://info201.github.io/)
* [Text Mining with R](https://www.tidytextmining.com/)
* [The 20 Best Data Science Books Available online in 2020](https://www.ubuntupit.com/best-data-science-books-available-online/)
* [The Art of Data Science](https://bookdown.org/rdpeng/artofdatascience/)
* [The caret Package](http://topepo.github.io/caret/index.html)
* [The Epidemiologist R Handbook](https://epirhandbook.com/en/)
* [The R Book](https://www.cs.upc.edu/~robert/teaching/estadistica/TheRBook.pdf)
* [The Shiny AWS Book](https://business-science.github.io/shiny-production-with-aws-book/)
* [Think Bayes 2e](https://github.com/AllenDowney/ThinkBayes2)
* [Tidy Finance with R](https://tidy-finance.org/)
* [Tidy Finance](https://www.tidy-finance.org/)
* [Todos los libros en bookdown](https://bookdown.org/home/archive/)
* [Twitter for Scientists](https://t4scientists.com/)
* [What They Forgot to Teach You About R](https://whattheyforgot.org/)
* [YaRrr! The Pirate’s Guide to R](https://bookdown.org/ndphillips/YaRrr/)
* Applied Statistics with R [Libro](https://daviddalpiaz.github.io/appliedstats/) y [Código](https://github.com/daviddalpiaz/appliedstats)
* Data Science Live Book [Libro](https://livebook.datascienceheroes.com/) y [Código](https://github.com/pablo14/data-science-live-book)
* Fundamentals of Data Visualization [Libro](https://clauswilke.com/dataviz/) y [Código](https://github.com/clauswilke/dataviz)
* Geocomputation with R [Libro](https://geocompr.robinlovelace.net/) y [Código](https://github.com/Robinlovelace/geocompr/)
* Introduction to Data Science [Libro](https://rafalab.github.io/dsbook/) y [Código](https://github.com/rafalab/dsbook)
* Mastering Apache Spark with R [Libro](https://therinspark.com/intro.html) y [Código](https://github.com/r-spark/the-r-in-spark)
* R for Data Science. [Inglés](https://r4ds.hadley.nz/) y [Castellano](https://es.r4ds.hadley.nz/)
* R for Statistical Learning [Libro](https://daviddalpiaz.github.io/r4sl/) y [Código](https://github.com/daviddalpiaz/r4sl)
* sits: Satellite Image Time Series Analysis on Earth Observation Data Cubes [Libro](https://e-sensing.github.io/sitsbook/index.html) y [Kaggle](https://www.kaggle.com/esensing/code)

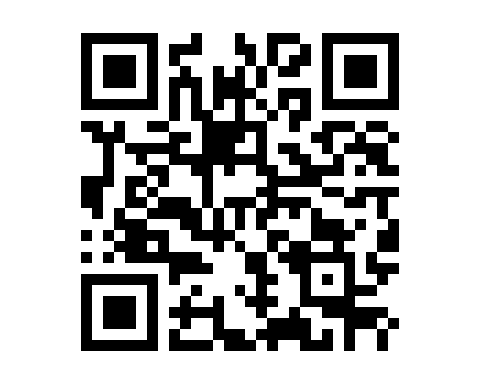
## 4 Generar códigos QR

library(qrcode)  
  
qrcode\_open\_data <- qrcode::qr\_code("https://github.com/santiagomota/Open\_Data")  
  
plot(qrcode\_open\_data)



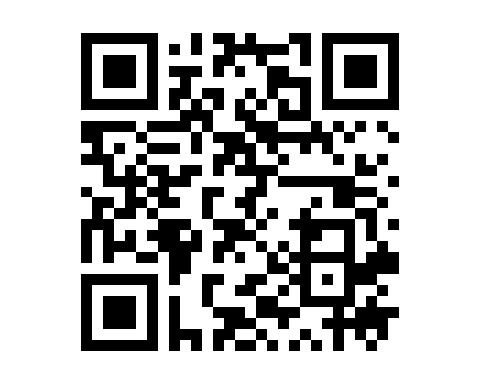
generate\_svg(qrcode\_open\_data, file = "./figs/Open\_Data\_Github.svg")

library(qrcode)  
  
qrcode\_open\_data <- qrcode::qr\_code("https://santiagomota.github.io/Open\_Data/")  
  
plot(qrcode\_open\_data)



generate\_svg(qrcode\_open\_data, file = "./figs/Open\_Data\_Web\_Github.svg")

library(qrcode)  
  
qrcode\_open\_data <- qrcode::qr\_code("https://open-data-pages.netlify.app/")  
  
plot(qrcode\_open\_data)



generate\_svg(qrcode\_open\_data, file = "./figs/Open\_Data\_Web\_Netlify.svg")

# Install needed packages if not already installed  
# install.packages("rsvg")  
# install.packages("magick")  
  
# Load the packages  
library(rsvg)

Linking to librsvg 2.58.0

library(magick)

Linking to ImageMagick 6.9.12.98  
Enabled features: fontconfig, freetype, fftw, heic, lcms, pango, raw, webp, x11  
Disabled features: cairo, ghostscript, rsvg

Using 24 threads

# Convert SVG to PNG  
convert\_svg\_to\_png <- function(input\_svg, output\_png, width = 800, height = 600) {  
 img <- rsvg::rsvg\_png(input\_svg, file = output\_png, width = width, height = height)  
 message("Saved PNG: ", output\_png)  
}  
  
# Example usage  
convert\_svg\_to\_png("figs/Open\_Data\_Github.svg", "figs/Open\_Data\_Github.png")

Saved PNG: figs/Open\_Data\_Github.png

convert\_svg\_to\_png("figs/Open\_Data\_Web\_Github.svg", "figs/Open\_Data\_Web\_Github.png")

Saved PNG: figs/Open\_Data\_Web\_Github.png

convert\_svg\_to\_png("figs/Open\_Data\_Web\_Netlify.svg", "figs/Open\_Data\_Web\_Netlify.png")

Saved PNG: figs/Open\_Data\_Web\_Netlify.png