

# Análisis de Datos

Population lines, idea de los gradientes de Dani →

<http://spatial.ly/2017/04/population-lines-how-and-why-i-created-it/>

<https://www.r-bloggers.com/joy-division-population-surfaces-and-pioneering-electronic-cartography/>

joyplot with d3 <https://beta.observablehq.com/@mbostock/d3-ridgeline-plot>

horizon chart with d3 <https://beta.observablehq.com/@mbostock/d3-horizon-chart>

When projections showed Hurricane Harvey could bring a record setting amount of rain to Houston, the graphics desk at the New York Times started exploring ways of showing the rainfall. After a **couple of days of scrambling, we managed to make a map showing both the accumulation and rate of rainfall:** → <https://roadtolarissa.com/hurricane/>

Use a data analytics tool to predict where the Pokemon are going to appear →

<https://www.pluralsight.com/guides/big-data/use-a-data-analytics-tool-to-predict-where-the-pokemon-are-going-to-appear>

a visualization of global weather conditions forecast by supercomputers updated every three ours →

<https://earth.nullschool.net/about.html> <https://github.com/cambecc/earth> <http://www.copernicus.eu/>

Using machine learning to identify air pollution exposure profiles associated with early cognitive skills among U.S. children → <http://www.sciencedirect.com/science/article/pii/S0269749117313027>

This playground exists to showcase a type of Swarm Intelligence known as Flocking. →

<https://tech.io/playgrounds/1003/flocking-autonomous-agents/going-further>

JSGeo2017 → <https://www.dropbox.com/s/xak1kodwly80z8z/JSGeo2017.pdf?dl=0>

R package to analyze air quality data →

<https://www.r-bloggers.com/rtimicropem-using-an-r-package-as-platform-for-harmonized-cleaning-of-d>

<ata-from-rti-micropem-air-quality-sensors/> <https://ropensci.org/blog/blog/2017/02/21/ropenaq>

<https://www.r-bloggers.com/working-with-air-quality-and-meteorological-data-exercises-part-2/>

<https://www.r-bloggers.com/working-with-air-quality-and-meteorological-data-exercises-part-4/>

Grupo en valencia, españa → <http://safe-tools.dsic.upv.es/airvlc/data-analysis.php>

[https://valenciarusers.files.wordpress.com/2016/04/prediccic3b3n\\_contaminacic3b3n-lidiacontreras.pdf](https://valenciarusers.files.wordpress.com/2016/04/prediccic3b3n_contaminacic3b3n-lidiacontreras.pdf)

f Los datos que tenemos pueden ser muy similares a estos que se obtienen a partir de strava →

<https://github.com/marcusvolz/strava>

Fondo para una serie de tiempo con escala ICA

<https://media.licdn.com/mpr/mpr/jc/AEEAAQAAAAAX4AAAAJDixYTFjMzEzLWUzNzEtNDgzOS1iZDVILTY4OTgzZTBmZWQxYw.png>

Mapa 3d para visualizar mediciones

[http://www.seattlebikeblog.com/wp-content/uploads/2014/03/SBB\\_pollution\\_map-575x471.png](http://www.seattlebikeblog.com/wp-content/uploads/2014/03/SBB_pollution_map-575x471.png) origen de este mapa

[https://www.researchgate.net/publication/252731674\\_Exposure\\_of\\_Bicyclists\\_to\\_Air\\_Pollution\\_in\\_Seattle\\_Washington\\_Hybrid\\_Analysis\\_Using\\_Personal\\_Monitoring\\_and\\_Land\\_Use\\_Regression](https://www.researchgate.net/publication/252731674_Exposure_of_Bicyclists_to_Air_Pollution_in_Seattle_Washington_Hybrid_Analysis_Using_Personal_Monitoring_and_Land_Use_Regression) Podría

implementarse con :

<http://rgraphgallery.blogspot.com.co/2013/05/rg107-plot-3d-horizontal-lines-bars.html>

Artículo CSWA: Aggregation-Free Spatial-Temporal Community Sensing → <https://arxiv.org/pdf/1711.05712v1.pdf>

Viento y PM25 → <http://aqicn.org/faq/2015-11-05/a-visual-study-of-wind-impact-on-pm25-concentration/>

Predicción de concentración PM25 usando redes neuronales <https://www.sciencedirect.com/science/article/pii/S1352231015001491>

Anomaly detection with R → <https://www.r-bloggers.com/anomaly-detection-in-r-2/>

Animación de la contaminación en china → [https://old.reddit.com/r/dataisbeautiful/comments/8v0m98/oc\\_3d\\_animation\\_of\\_chinas\\_nitrogen\\_dioxide/](https://old.reddit.com/r/dataisbeautiful/comments/8v0m98/oc_3d_animation_of_chinas_nitrogen_dioxide/)

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