



OPEN DATA PORTAL

Data-driven
answers available to
everyone



GOBIERNO DE LA
CIUDAD DE MÉXICO



AGENCIA DIGITAL DE
INNOVACIÓN PÚBLICA

Why are we building an open data portal

1 Most major cities in Latin America, and around the world, have open data strategies.

Governments have two options:

- a. Use open tools such as CKAN, which provide a platform to upload data but do not allow users to explore it visually.
- b. Pay expensive contracts to 2-3 companies that offer slightly more sophisticated services but don't have robust visualization tools.

2 Since the beginning of this administration we have made unprecedented efforts in the City to open data.

We were the first city in the region to publish street-level crime data.

3 During the first year and a half of this administration we paid an external provider. But **within the principles of ADIP: Austerity and Self-Sufficiency, we decided to create a portal with open source software.**

4 With the support of the Bloomberg I-Team we have been working for a year on developing an open data portal that allows users to:

- a. load data and find it easily.
- b. visually explore, cross-reference and find stories in the data.
- c. **Next step: upload their own data and interact with public data.**

5 Today we present this new portal and present our strategy for:
Sharing it in open source code for any city in the world, starting with the Latin American region.

Open Data Portal



Advantages over other solutions

1

Lower costs: first visualization tool developed in open source connected to an open data portal based on CKAN

2

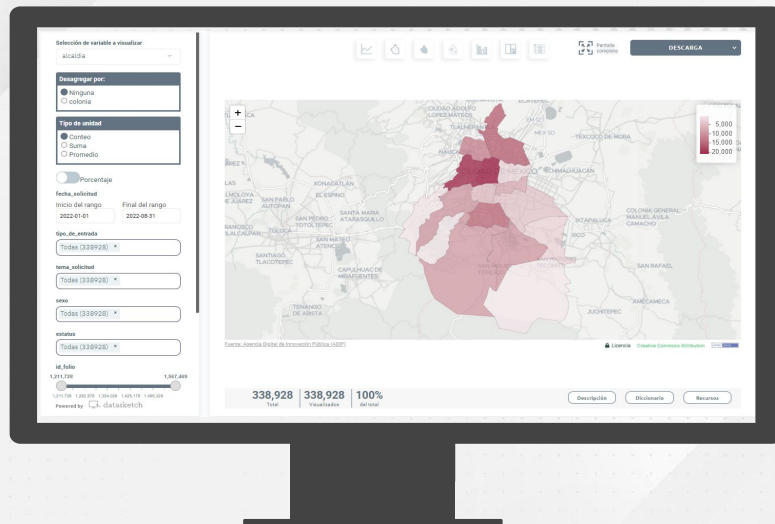
Generalizable tool: for interactive visualizations for all data resources

3

Easy to use: ensure that the data can be interpreted by anyone, regardless of their technical knowledge.

Data-driven answers available to everyone

BETA VERSION AVAILABLE SINCE
SEPTEMBER 2022



FULL CODE AVAILABLE
NOVEMBER 2022



Main functionalities

Choose among **8 different visualizations**:



Bar chart



Treemap



Line chart



Scatter plot



Choropleth map



Heatmap



Dot map



Table

**With the Visualization
interaction panel is
possible to:**

- **Select the variable to visualize**
- **Disaggregate variables**
- **Select measure and time units**
- **Filter by other variables**
- **Aestheticise adjustments**

Open Data Portal: How is the information organized?

426

Data sets

With 1,041 resources

Examples:

- Wifi access points
- Revenues of the metro public transportation system
- Investigation files of the General Prosecutor's Office

19

Categories

Thematic areas

Examples:

- Connectivity
- Transportation
- Security

25

Data sets with visualization

The goal is to reach +100

31

Institutions

In charge of the information

Examples:

- Digital Agency of Public Innovation
- Ministry of Mobility
- General Prosecutor's Office

www.datos.cdmx.gob.mx

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