



Querido Diário

how an open source project is freeing official municipal records for 47 million people in Brazil (and counting!)

*Buenos Aires, csv,conf,v7
April 2023*

> **why** we did it

> **what** we did

> **how** we made it

> **who** is using and what for

> what's **next**

5,570 autonomous cities...



why we did it

how it works

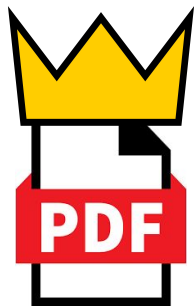
how we made it

who is using

what's next

... and zero standards for official records publication

... and zero standards for official records publication



why we did it

how it works

how we made it

who is using

what's next



'data deserts'

why we did it

how it works

how we made it

who is using

what's next

public purchases
contracts
appointments and dismissals
local legislation
public policy
etc...

‘data deserts’

Explore os diários oficiais dos municípios e fique de olho nas ações dos governos

🔍 Ex.: licitação, contratação, COVID 19

📍 Município

📅 Período

Pesquisar

Acompanhe a evolução do Querido Diário



66

Cidades já na plataforma



2420

Cidades já têm robôs para coletar diários



600

Cidades já foram mapeadas pelo censo

why we did it

how it works

how we made it

who is using

what's next

More than a platform: it's an open infrastructure

why we did it

how it works

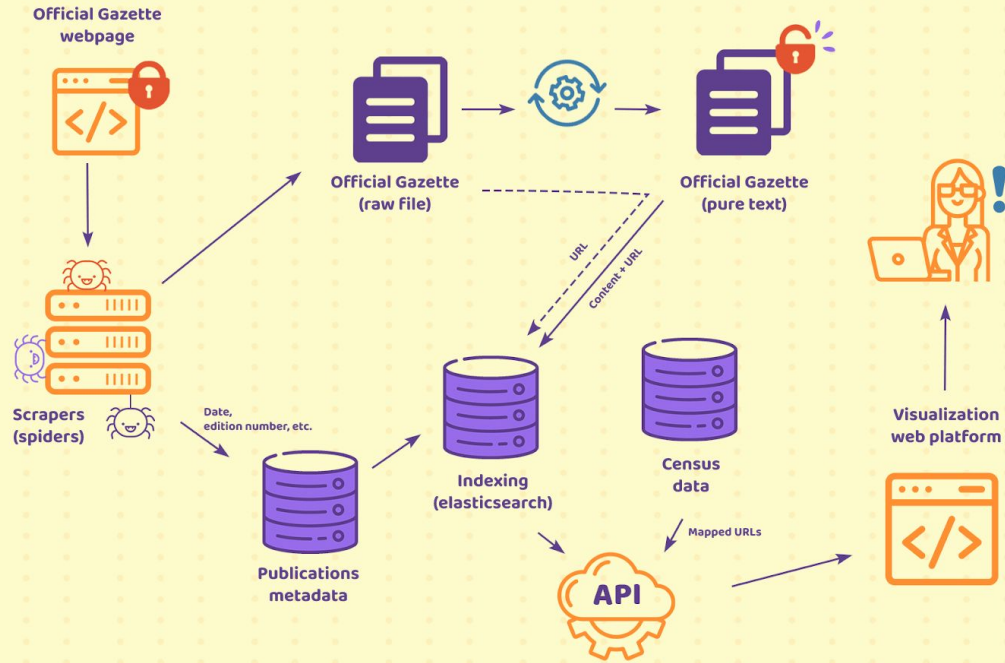
how we made it

who is using

what's next



Architecture and data flow



why we did it

how it works

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4 COMPONENTS:

- Data engineering (scrapers and processing)
- Open Data (public API)
- Search console in a web platform
- Intelligence (other public datasets)

Exploring: artificial intelligence contextualizing, categorizing and enriching data

A well-oiled participation machine



why we did it

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who is using

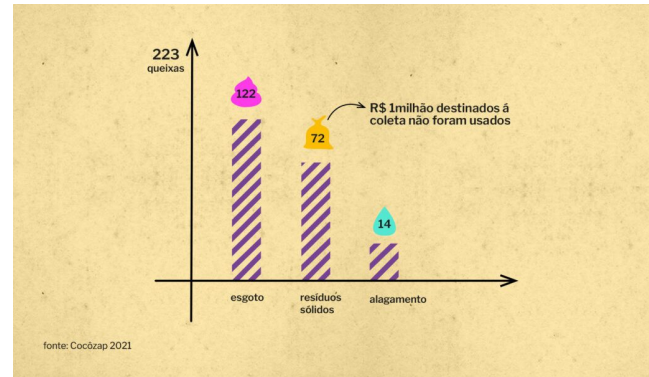
what's next

- **Open Source and available on Github: more than 850 stars, 320 forks, 80 contributors...**
- **Community in Discord: almost 600 people**
- **School of Data training: two cohorts of “Python for Civic Innovation”, more than 300 people**
- **Sprints in conferences such as Python Brasil and CODA.Br**

- **Civic Innovation Ambassadors: more than 150 people in the network**
- **Cooperation with Universities: agreement with 3 higher education centers; students and professors are exploring technical solutions**
- **Open calls for local journalists: 7 accounts on local issues published**



Example of a report on basic sanitation made by an independent journalism group using the tool



... for monitoring the adoption of ICT in education



The screenshot shows a search engine interface with a search bar containing 'google' and a 'Buscar' button. Below the search bar, there are several data visualization icons: a line graph, a pie chart, and a bar chart. The search results section displays '3 resultados encontrados' and a dropdown menu set to 'Mais relevante'. The first result is a notice from the 'Secretaria Municipal de Educação' regarding an emergency price collection for Google Teaching and Learning licenses. The text of the notice is as follows:

COLETA DE PREÇO EMERGENCIAL A **Secretaria Municipal de Educação** torna pública a realização de Coleta de Preço Emergencial, objetivando o grau de competitividade, preconizado pela Administração Pública, e a aferição do real valor de mercado, visando à contratação de empresa especializada na aquisição de licenças **Google** Teaching and Learning para a implantação das ferramentas **GOOGLE** na Rede Municipal de Ensino. A coleta de preço tem prazo de 3 Página 4 Diário Oficial do Município NATAL, TERÇA-FEIRA, 28 DE MARÇO DE 2023 (três) dias úteis. As especificações do objeto devem ser solicitadas pelos interessados por meio do endereço eletrônico dag.sme@edu.natal.rn.gov.br, bem como por meio do telefone (84) 3232-4732, no horário das 8h às 14h. Natal, 27 de março de 2023. MERISE MARIA MACIEL – Diretora do Departamento de Administração Geral PESQUISA MERCADOLÓGICA (QUINTA CHAMADA) A **Secretaria Municipal de Educação** torna pública a realização de pesquisa mercadológica, objetivando o grau de competitividade, preconizado pela Administração Pública, e a aferição do valor real de mercado, visando à contratação de serviço de seguro total para 19 (dezenove) veículos automotores pertencentes à frota da **Secretaria Municipal de Educação**. A pesquisa tem o prazo máximo de 5 (cinco) dias úteis, a



... for monitoring climate change related policies

Encontre um ato ambiental

O diário do Clima filtra as informações dos diários oficiais para você descobrir o que precisa mais fácil e rapidamente

Começar a buscar



coming soon!

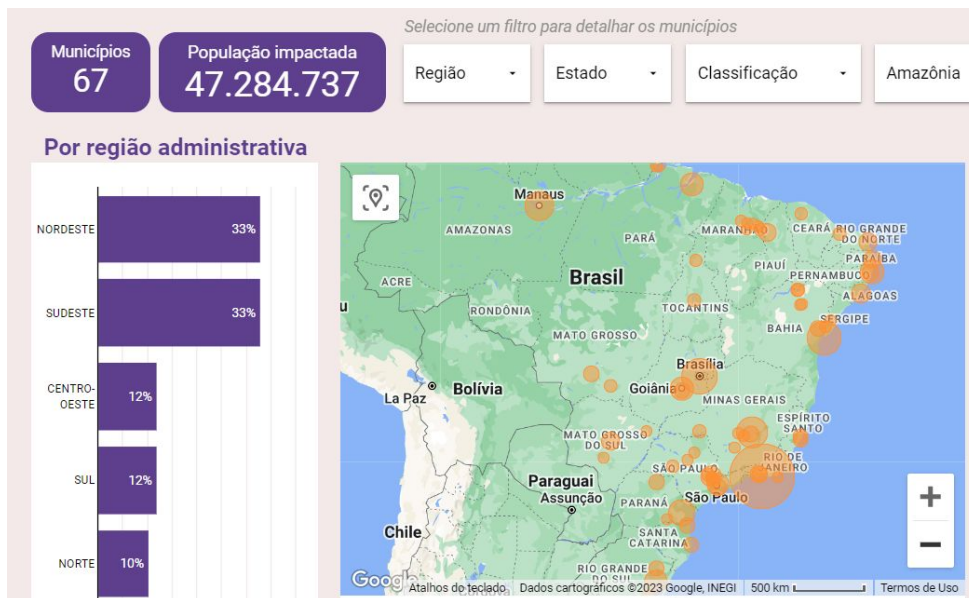
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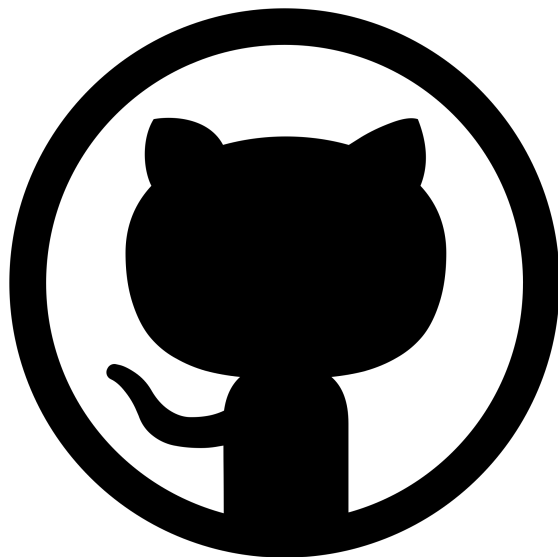
67 cities available
(and counting!)

47.25 million people
impacted
(22% of Brazilian population)

So what's next?

- Improve the architecture
- Escalate → 250 → 1,600 cities
- NLP and other AI applications
- An open source system for cities (open by default)?

Join us!



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Quick facts about OKBR

Operating in Brazil since 2013

15 people in the executive team

+150 volunteers

~400K USD annual budget

4 lines of action:

1. Advocacy & Research
2. School of Data
3. Data Science for Civic Innovation
4. Services & Cooperation

Our team



Anicely Santos
Pedagogical
Advisor



Danielle Bello
Advocacy & Research
Coordinator



Edilaine Santos
Advocacy & Research
Analyst



Fernanda
Campagnucci
CEO



Gabriella Beira
Partnerships &
Services Manager



Giulio Carvalho
Civic Innovation
Coordinator



Iracema Marques
VAC Project
Manager



Isis Rejs
School of Data
Community Manager



Jamile Santana
School of Data
Coordinator



Juliana Trevine
Civic Innovation
Intern



Milena Coimbra
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Analyst



Murilo
Machado
CFO



Pedro Guimarães
Software
Engineer



Pedro Batista
School of Data
Intern



Rebeca Almeida
Civic Innovation
Community Manager



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BRASIL



Visit ok.org.br (or the QR Code) to learn more about our work (Portuguese only)

Let's talk!

Fernanda Campagnucci
Executive director of Open Knowledge Brazil