# Caroline Souza

visual journalist & dataviz designer

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## Select data projects

### Black women that left a print in Brazil's history
A serie based on 5 important black women in Brazil's history through historical data from national archives, open data from websites, maps and photos.

### The story of brazil's vaccine manufacturers against Covid-19
An illustrated story about the history of Butantan Institute and Fiocruz displaying their importance towards covid-19 vaccine production. This project includes maps created in Google Earth, charts and photos.

### Which brazilians had health insurance before the pandemic?
Reported on how health insurance is related to a very secluded population in Brazil, using data available by IGBE, this story includes maps and charts.

## Skills summary

### Data analysis & web scrapping
Python - Pandas, Numpy, Beautiful Soup, requests and Selenium
R - mainly tidyverse, rvest and API requests

### Data visualization
Python - altair / R - ggplot2 / Flourish / Datawrapper and Adobe Illustrator

### Mapping
QGIS / Google Earth /  Mapbox

### Web Development
HTML & CSS

### Languages
English (fluent) / Portuguese (native) Spanish (intermediate)

## Education & training

### University of São Paulo
Bachelor's degree in Geography

### Columbia University Graduate School of Journalism
The Lede program

## Awards & Scholarships

SND ÑH 2019 / Cláudio Abramo Journalism Awards 2020 Winner (dataviz category) / SIGMA Awards 2020 - nominated for best visualization (small newsroom category)
2021 - Awarded a scholarship by Columbia's University

## Work Experience

**Nexo Jornal**  Data designer assistent                          March 2019 - present
Produced charts and stories about many different topics from economics to music. Collaborated with colleagues from different teams regarding dataviz production.

**Geofusion**     Geoprocessing and spatial data intern    October 2017 - february 2019
Responsible for updating the company's database and providing maps and charts built on public information.