

## **ANA LUCÍA JUÁREZ ARMENTA**

Mexico City

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<https://github.com/anajuarezar>

### **Summary**

Multidisciplinary, driven Data Analyst with a passion for condensing large data into a simple to understand story. With more than 3 years of experience in Data Research. Adept at working independently and collaborating with teams across multiple functions to take information from a wide variety of sources and effectively break down concepts in layman terms to diverse audiences. Excels at solving complex problems.

### **Technical Skills**

**Tools:** Microsoft Office, Microsoft Excel, Javascript, Visual Basic, HTML, D3.js, Tableau, Python, R, Github, Heroku

**Databases:** SQL, Mongo, Flask, SQLAlchemy

### **Soft Skills**

**Skills:** Information gathering, Statistic analysis, Data Entry, Research and analysis  
Data collection and analysis, Literature reviews, Research reporting, Teamwork, Context building

**Languages:** Native Spanish, Advanced English, DELF B1 French, Beginner Korean.

### **Projects**

#### **Data Journalism and D3 | <https://github.com/anajuarezar/D3-Data-Journalism>**

- Created a scatter plot between two of the data variables such as Healthcare vs. Poverty or Smokers vs. Age using D3.
- Only collaborator.
- Tools: Javascript, HTML, CSS.

#### **Web Scraping - Mission to Mars |**

**<https://github.com/anajuarezar/Mission-to-Mars>**

- Built a web page with data scraped from the NASA page using, also used flask and created an app to upload it
- Only collaborator.
- Tools: Jupyter Notebook, Python, HTML, CSS, Splinter, Pandas.

## Visualizing Data with Leaflet |

[https://github.com/anajuarezar/Earthquakes\\_with\\_Leaflet](https://github.com/anajuarezar/Earthquakes_with_Leaflet)

- Used leaflet to create a map that shows recent earthquakes
- Only collaborator.
- Tools: Javascript, HTML, CSS, API's, D3

## Suicide Analysis | <https://github.com/anajuarezar/Suicide-Analysis>

- Analyze suicide rates relating socio-demographic factors, political factors, and economical factors.
- Data Cleaning, Tableau
- Tools: Javascript, HTML, CSS, Machine Learning, Tableau, Heroku

## Experience

### Research Assistant

2021

ACNUR

Mexico City

A thorough research on social programs for Internally Displaced Persons. Created a database with all the programs. Analyzed said programs to identify deficiencies, omissions and built better public policies.

### Data Analyst

2017-2020

**Comisión Mexicana de Defensa y Promoción de los Derechos Humanos** Mexico City

Part of a team in charge of a human rights violations' database. Built, fed, and processed said database. Wrote reports and communications to the International Criminal Court. Reclassification of official recommendations issued by the National Human Rights Commission.

### Key Accomplishments:

- 3 publications of the database analysis and processing.
- 2 Communications to the International Criminal Court
- A database of armed confrontations between the Armed Forces and criminal groups.

## Education

**Boot Camp Certificate: Tecnológico de Monterrey**, Mexico City

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Bachelor of Arts in International Relations: Instituto Tecnológico Autónomo De México**, Mexico City

## **Certifications**

**Course in How to read and process gender data with R: FLACSO**

**Course in Introduction to R: FLACSO**