

# ANDREA GÓMEZ VARGAS

BA in Sociology & MA student in Generating and Analyzing Statistical Data.

## PROFESSIONAL EXPERIENCE

2021 to date

### Population Statistics Analyst, National Institute of Statistics and Censuses - Argentina

Role at the Directorate of Sectoral Statistics (DES) of the National Directorate of Social and Population Statistics.

Worked on data pipelines developed in R. Analyzed and processed databases using R and SQL from various data sources (census, surveys, and administrative records). Design, development and delivery of data-based digital statistical products. Preparation and calculation of socio-demographic indicators at national level.

📍 Buenos Aires, Argentina

Publications:

- Shiny app - Integrated System of Social Statistics (SIES)
- Shiny app - Elderly people dashboard
- International Women's Day Statistical Dossier
- International Day of Older Persons Statistical Dossier
- World Children's Day Statistical Dossier

## CONSULTANCIES

03/01/2023  
–  
10/31/2023

### General Direction of Women's Labor Insertion, Government of the City of Buenos Aires.

Development of training for the Women & IT Employability Skills Program.

📍 Buenos Aires, Argentina

10/01/2022  
–  
01/31/2023

### Organization of Ibero-American States, Argentina National Office.

Data Analyst in the Strengthening Program for the Development, Preservation and Promotion of Argentine Culture.

📍 Buenos Aires, Argentina

08/01/2022  
–  
09/30/2022

### Argentine Chamber of Books

Processing, analysis and presentation of data for the basic report on Argentine book production.

📍 Buenos Aires, Argentina

05/01/2021  
–  
06/30/2021

### CEIS Consulting

Analyst in quantitative research projects on the labor market. Information gathering and data processing in R.

📍 Buenos Aires, Argentina



## CONTACT

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🌐 [soyandrea.netlify.app](https://soyandrea.netlify.app)

🐙 [github.com/SoyAndrea](https://github.com/SoyAndrea)

in [linkedin.com/andreasociologa](https://linkedin.com/andreasociologa)

## SKILLS

Data programming, analysis, and visualization in R.

Data exploration, processing, and statistical analysis.

Quantitative and qualitative research and project management.


## SOFTWARE APPLICATIONS

R  
Rstudio  
Shiny  
CSS  
HTML5  
Git & GitHub  
SQL  
QGIS  
Illustrator

Updated the 2024-05-28.  
CV made in R with pagdown

## TEACHING EXPERIENCE

2023 to  
date


- **Guillermo Brown National University, Professor part-time dedication**  
Subject: Information Visualization - Bachelor's Degree in Data Science.  
 Buenos Aires, Argentina - Online

2023

- **National University of San Martin, Graduate Professor.**  
Diploma in Computational Social Sciences and Digital Humanities.  
 Buenos Aires, Argentina - Online


2022

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2023

- **Argentine Association of Specialists in Labor Studies, Teacher**  
Introduction to Data Processing with R 2022 & 2023 edition course  
 Online

2021

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2022

- **Latin American Faculty of Social Sciences (FLACSO), technical-educational tutor.**  
Postgraduate Course on Big Data and Territorial Intelligence.  Online


2020

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2023

- **University of Buenos Aires, Part-time First Assistant.**  
Adhonorem teacher in Social Work Career.  Buenos Aires, Argentina

## EDUCATION

2023 to  
date


- **National University of Tres de Febrero (UNTREF)**  
Master's Degree in Generation and Analysis of Statistical Information  
 Buenos Aires, Argentina

2020

- **University of Buenos Aires (UBA)**  
Degree in Sociology  Buenos Aires, Argentina


## CERTIFICATIONS

2022

- **The Carpentries instructor certified.**  
[the Software Carpentry instructor program.](#)  Argentina - US

## FELLOWSHIPS

2023 to  
date

- **rOpenSci Champions Program 2023 - 2024**  
[Mentoring and training program from Scientific Open Source Champions](#)  
 Buenos Aires, Argentina - Online

## COURSES AND TRAINING

2023

- **SQL Training Cycle: Databases with SQL & advanced selections in SQL ORACLE**  
INDEC  Buenos Aires, Argentina

- 2023 ● **Design and construction of indicators & Social Statistics 2.**  
DANE COLOMBIA 📍 Online
- 2022 ● **Application of Geographic Information System (GIS) in the analysis of socio-demographic indicators.**  
INDEC 📍 Buenos Aires, Argentina
- 2022 ● **Web Accessibility: Introduction and Guidelines & Techniques and Tools for Improvement.**  
INAP 📍 Online
- 2021 ● **Social Data Analytics.**  
Argentine School of New Technologies (EANT) 📍 Online

## CONGRESSES, TALKS, PRESENTATIONS

[LatinR2023: Latinamerican Conference About the Use of R in I & D](#) SIES Argentina: R & Shiny in the dissemination of official statistics. **Andrea Gomez Vargas**, María Florencia Bathory, Juan Manuel Damiani, Barbara Estévez Leston, Jimena Fernández Moyano y Leandro Olivo. Open data session and official statistics. 2023.

[R-Ladies Buenos Aires Meetup](#) Workshop Introduction to the Analysis of the Permanent Household Survey (EPH) with R. **Andrea Gomez Vargas** & Betsy Cohen. Faculty of Social Sciences UBA. 2023.

[CSV Conference](#) Workshop Software Carpentry: Introduction to Git and GitHub from Rstudio Instructors: Irene Ramos y **Andrea Gomez Vargas**. 2023.

[Seminario \(de\)Generando la Ciencia Política UBA Sociales](#) Women's access to the world of technology and big data. Speaker for R-Ladies Buenos Aires, **Andrea Gomez Vargas**. 2022.

[Rladies East Lansing Meetup](#) Accessible DataVis: Learning accessibility in community. Second speaker, **Andrea Gomez Vargas** (one of the winners of the 'most accessible presentation' award at useR! 2021). 2022.

[LatinR2021: Latinamerican Conference About the Use of R in R & D](#) Learning to Use R in Latin America: Challenges to Promote Inclusion and Diversity. García Alonso, Virginia A.; Corrales, Paola; Huaylla, Claudia A.; **Gómez Vargas, Andrea**; Chávez, Joselyn; Fierro Arcos, Denisse. Sesión iniciativas de la Comunidad de R. 2021.

[ReinventarTEC 2021](#) Getting Started with R for Data Analysis. Talleristas: Patricia Loto y **Andrea Gómez Vargas**. Organized by the Ministry of Science and Technology, the Ministry of Women of the Province of Córdoba together with the NGO MeT [Women in Technology Córdoba], 2021.

[useR! 2021 The R Conference](#) Using R in Latin America: the great, the good, the bad, and the ugly. García Alonso, Virginia A.; Corrales, Paola; Huaylla, Claudia A.; **Gómez Vargas, Andrea**; Chávez, Joselyn; Fierro Arcos, Denisse. Session 9B - Community and Outreach 2. 2021.