

ANDREA GÓMEZ VARGAS

BA in Sociology & MA 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

🐙 github.com/SoyAndrea

in 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 2024-05-17.
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 | 2023**
 - **Argentine Association of Specialists in Labor Studies, Teacher**
Introduction to Data Processing with R 2022 & 2023 edition course
📍 Online
- 2021 | 2022**
 - **Latin American Faculty of Social Sciences (FLACSO), technical-educational tutor.**
Postgraduate Course on Big Data and Territorial Intelligence. 📍 Online
- 2020 | 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. Escuela Argentina de Nuevas Tecnologías	📍 Online



CONGRESSES, TALKS, PRESENTATIONS

[LatinR2023: Latinamerican Conference About the Use of R in R & 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. Sesión datos abiertos y estadísticas oficiales. 2023.

[R-Ladies Buenos Aires Meetup](#) *Workshop Introduction to the Analysis of the Permanent Household Survey (EPH) with R.* **Andrea Gomez Vargas** & Betsy Cohen. Facultad de Ciencias Sociales 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 Rladies 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.