

ANDREA GÓMEZ VARGAS

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



PROFESSIONAL EXPERIENCE

08/01/2021
to date

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

Role at the National Directorate of Social and Population Statistics.

Work on designing and implementing data analysis workflows in R to build sociodemographic indicators based on census data, surveys, and administrative records. Develop statistical publications and complementary digital dashboards, focusing on social and population statistics, reproducibility, and open data access.

📍 Buenos Aires, Argentina

Publications:

- [Shiny app - Integrated System of Social Statistics \(SIES\)](#)
- [Shiny app - Elderly people dashboard](#)
- [Publication of Synthesis of Results - Census 2022](#)
- [International Women's Day Statistical Dossier](#)

01/08/2024
|
30/09/2024

Fundación Huésped: Prevention, Science, and Human Rights

Data Analysis Consultant: Preparation of the results report for the 2024 Health Survey for Migrant Populations.

📍 Buenos Aires

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



EDUCATION

2023 to
date

National University of Tres de Febrero (UNTREF)

Master's Degree in Generation and Analysis of Statistical Information

📍 Buenos Aires, Argentina



CONTACT

📍 Buenos Aires, Argentina

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🐙 soyandrea.github.io

🐙 github.com/SoyAndrea

in linkedin.com/andreasociologa

LANGUAGES

Spanish (Native)

English (Intermediate)

SKILLS

Data programming, statistical analysis, and visualization in R.

SOFTWARE

R Advanced
Shiny
Python Basic
SQL developer
Git & GitHub
CSS & HTML5

2020 • **University of Buenos Aires (UBA)**
Degree in Sociology  Buenos Aires, Argentina



TEACHING EXPERIENCE

2025 • **National Council on Scientific and Technical Research (CONICET), Professor**
Interactive applications with R and Shiny for research course  Buenos Aires - Virtual

2023-2024 • **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



COURSES AND TRAINING

2025 • **Python data mining course**
UTN  Buenos Aires, Argentina

2023 • **SQL Training Cycle: Databases with SQL & advanced selections in SQL ORACLE**
INDEC  Buenos Aires, Argentina

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

R en Buenos Aires & R-Ladies Buenos Aires Meetup {ARcenso} 📊 - Data from Argentina's Population Census. **Andrea Gomez Vargas** & Emanuel Ciardullo. 2024.

LatinR2024: Latinamerican Conference About the Use of R in I & D {ARcenso}: first steps developing a community package with rOpenSci 📊. **Andrea Gomez Vargas** & Emanuel Ciardullo. Session: Package development process. 2024.

LatinR2024: Latinamerican Conference About the Use of R in I & D Shinydashboard: Statistics of Older People in Argentina. **Andrea Gomez Vargas**, Juan Manuel Damiani, Barbara Estévez Leston y Leandro Olivo. Session: process automation, data management and reporting. 2024.

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.

LatinR2021: Latinamerican Conference About the Use of R in I + D Learning to Use R in Latin America: Challanges 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.

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.

See more at soyandrea.github.io/talleres.