# 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 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

## </> SOFTWARE DEVELOPMENT

**2024**

**arcenso: paquete en R con datos censales de población Argentina**
Lead Developer github.com/SoyAndrea/arcenso       📍 Buenos Aires

## 🏆 FELLOWSHIPS

**2024**

**posit::conf(2024)**
Diversity Scholarship       📍 Seattle, US

**2024**

**rOpenSci Champions Program 2023 - 2024**
Mentoring and training program from Scientific Open Source Champions
📍 Buenos Aires, Argentina - Online

## 🎓 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

## CONTACT

📍 Buenos Aires, Argentina

✉ andrea.gomezv11@gmail.com

🔗 soyandrea.netlify.app

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

# 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

# TEACHING EXPERIENCE

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

2020-2023
**University of Buenos Aires, Part-time First Assistant.**
Adhonorem teacher in Social Work Career. 📍 Buenos Aires, Argentina

# 🖥 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

*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.netlify.app/mundoR.