



# SANTIAGO GARCIA SANCHEZ

Statistician

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Rosario, Argentina

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SGS2000

sgs2000.github.io/

## SKILLS

Biostatistics

Bayesian statistics

Data visualization

Econometrics

Multivariate analysis

Linear models

Numerical analysis

Survey sampling

Statistical simulations

Time series analysis

## LANGUAGES

R

Python

SQL

PHP

HTML

CSS

JavaScript

Java

Markdown

## SOFTWARE

SAS

SPSS

STATA

Minitab

Statgraphics

Word

Excel

Powerpoint

Access

Power BI

Tableau

LaTeX

Google Docs

Photoshop

Premiere Pro

## LANGUAGES

English: **Advanced (C1)**

Spanish: **Native**

French: **Intermediate**

Portuguese: **Intermediate**

Italian: **Basic**

## EXPERIENCE

Assistant Professor

Pontifical Catholic University of Argentina

08/2024 – Present

Rosario, Santa Fe

Professor of Applied Statistics for Industrial Engineering and Probability and Statistics for the Bachelor's Degree in Data Science

- Teaching multiple topics in basic and intermediate statistics.
- Development of curricula.
- Production of study materials and assessment activities.

Teaching assistant

National University of Rosario

04/2024 – Present

Rosario, Santa Fe

- Collaboration with professors in the teaching of both theory and practice.
- Assistance in the elaboration and correction of assignments and exams.
- Participation in research and extension activities.

Academic Writer

Xpandete

11/2023 – Present

- Writing academic of content on topics related to statistics.
- Professional assistance in writing theses and reports for research projects.

Freelance Statistician

11/2023 – Present

- Data analysis and technical assistance for multiple public and private organizations.

Data Analyst

National University of Rafaela

04/2023 – Present

Rafaela, Santa Fe

- Cleansing, formatting and organizing datasets.
- Creating maps, graphs and other visual elements to communicate results.
- Writing statistical reports.

Course Assistant - Course: "Shiny Apps Development"

National University of Rosario

05/2022 – 06/2022

Rosario, Santa Fe

- Collaborating in the creation and evaluation of course materials.
- Providing assistance to students during the course.

# ACHIEVEMENTS EDUCATION



## First Prize

Poster competition for students - Argentine Colloquium of Statistics (2022)



## Champion

Golfo San Jorge Mathematical Olympiad (2014)

## Bachelor in Statistics | [National University of Rosario](#)

📅 2018 – 2022

📍 Rosario, Santa Fe

- Thesis: "Supervised Classification of Fiction Texts by Genre using Random Forests" (February 2023)
- Grade Point Average: 8.06 / 10

## COURSES

### Excel: New data analysis tools | [UNR](#)

📅 06/2024 – 07/2024

- Power Query, Data transformation, Power Pivot, DAX functions.

### Full Stack - JavaScript/Node.JS | [Agencia de Aprendizaje a lo largo de la vida](#)

📅 03/2023 – 6/2023

- HTML and CSS, JavaScript, Node.js, REST, Express JS.

### Data Analytics | [Perfil E-learning](#)

📅 09/2022 – 11/2022

- Data storytelling, data visualization, Power BI, SQL.

### Advanced Information Processing | [National University of Rosario](#)

📅 09/2021 – 10/2021

- Data mining, data cleansing, Big Data, Machine Learning.

### PHP Full Stack | [Agencia de Aprendizaje a lo largo de la vida](#)

📅 08/2021 – 12/2021

- Web development, HTML, CSS, Javascript, Git, GitHub, databases.

### Bayesian Statistics | [National University of Rosario](#)

📅 06/2021 – 09/2021

- Bayesian inference, Conjugate distributions, Bayesian models, RStan.

### Advanced R | [National University of Rosario](#)

📅 08/2020 – 09/2020

- Functions, packages, RMarkdown, spatial data, Shiny.

### Advanced functions and tools in Excel | [FACES Consultores](#)

📅 06/2020

- Errors, AGGREGATE function, advanced filters, hypothesis testing.

### Introduction to ANOVA, Regression, and Logistic Regression | [SAS](#)

📅 04/2020

- ANOVA, linear regression, hypothesis testing, post hoc analysis, residual analysis, model building and variable selection, categorical data analysis.