

# GERMÁN SAMARTINO

Data Scientist | Data analyst | Sociologist

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Don Torcuato, Buenos Aires, Argentina



## TECH STACK

Python

R

SPSS

HTML

Machine Learning

ScikitLearn

Seaborn

Matplotlib

Tidyverse

Pandas

Numpy

## PROJECTS

### Portfolio

You are invited to visit my portfolio where you will find my Data Science and Data analytics projects, links to my GitHub and Kaggle accounts and some of my personal journey.

<https://germansamartino.github.io>

### Publications

Together with a group of colleagues from the university, we carried out an investigation from scratch aimed at knowing the degree of knowledge that there was in CABA about the Jucio a las Juntas. Our client was the NGO Memoria Abierta and some of the conclusions we reached were published by the Pagina12 newspaper.

<https://www.pagina12.com.ar/diario/elpais/1-288680-2015-12-20.html>

## EDUCATION

### Bachelor's degree in Sociology

Universidad de Buenos Aires

2012 - 2019

- Descriptive and Inferential Statistics.
- Data Analysis.
- Quantitative research methodology.
- Qualitative research methodology.
- Economy.
- Analysis of Argentine society.

GPA

8.45 / 10.0

### Professional Training Course: Data Science in R

Universidad de Buenos Aires

2022

- Data Science in Rstudio
- Data Analysis
- Data Visualization
- R Markdown

### Professional Training Course: Data Processing in SPSS

Universidad de Buenos Aires

2021

- Data Processing
- Data Analysis
- Database management

## EDUCATION

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### Introduction to Data Science in Python

**Afi Escuela de Finanzas**

2022

- Basic knowledge of Python for data processing: Pandas, Numpy
  - Data Visualization: Matplotlib, Seaborn, Plotly
  - Data Analysis: exploratory data analysis.
  - Supervised Learning: construction of regression and classification Machine Learning models (Linear Regression, Logistic Regression, Random Forest, XGBoost, etc), validation tests, model tuning.
  - Unsupervised Learning: Clustering, K-Means, PCA.
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### Research Methods: Descriptive and inferential Statistics applied in Data Science

**Udacity**

2021

- Descriptive: normal distributions, histograms, central tendency (mean, median, mode, percentile), standard deviation, sampling distributions, variance. standarization.
  - Inferential: p-value, z-test, t-test, f-test (ANOVA), correlation, regression.
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### Learn Python II

**Codecademy**

2022

- Basics: list, dictionaries, indexing, datetime, loops
  - Functions, classes
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## EXPERIENCE

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### CAM Programmer


**Moldintec Blow Molds**

 2021 - Ongoing  Buenos Aires, Arg.

- Design the different stages of the production process, coordinating and assigning tasks to each member of the production team.
  - CAM programming of highly complex machining for 3, 4 and 5 axes.
  - Quality control, stock control.
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### Production manager and CAM Programmer

**Perrone Engineering**

 2010 - 2021  Buenos Aires, Arg.

- Manage a production team over 7 people.
  - Design the different stages of the production process, coordinating and assigning tasks to each member of the production team.
  - Deal with customers and suppliers in order to meet the needs of the production process, guarantee delivery times and the stock of materials and tools.
  - Design of injection molds and cutting dies.
  - CAM programming of highly complex machining for 3, 4 and 5 axes.
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### Warehouse Manager

**Falabella**

 2008 - 2009  Buenos Aires, Arg.

- Stock control.
  - store sourcing.
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