

# Jose Escarraman

Statistician and Data Analyst

Granada, Spain

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## Professional Summary

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Experienced Statistician and Data Analyst with a strong focus on data-driven research in social issues, health, and demographics. My background in Economics and Statistical Sciences, combined with my public sector and clinical research experience, equips me with a versatile skill set. I am adept at using statistical software to derive insights and develop data-based solutions, particularly in health analytics and policy decision-making. Known for being proactive, responsible, and innovative, I excel in complex problem-solving and adapting to dynamic environments.

## Experience

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### Intern/Thesis Student

*Hematology Unit, Sant'Orsola Polyclinic, Italy*

**Feb 2024 – July 2024**

- Conducted statistical inference to test the efficacy of alternative therapies for multiple myeloma patients.
- Managed clinical and genetic data to perform advanced survival analysis and model patient outcomes.
- Developed and maintained clinical databases to support research activities.

### Junior Analyst

*Ministry of Economy, Planning and Development, Dominican Republic*

**Feb 2021 – Aug 2022**

- Analyzed and interpreted large datasets using statistical software to produce insightful reports, dashboards, and maps.
- Collaborated on research projects focused on vulnerable regions, contributing to the policy-making process through data-driven recommendations.
- Provided technical insights and prepared data visualizations for decision-makers within the institution.

### Research Project Assistant

*Grupo Línea Base & USAID, Dominican Republic*

**Sep 2020 – Dec 2020**

- Assisted in a social research project focused on assessing vulnerabilities in educational centers during the Covid-19 pandemic.
- Supported data collection, analysis, and report writing to inform stakeholders of key findings.
- Coordinated with field researchers to ensure the accuracy and integrity of data.

## Education

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### Master's in Statistical Sciences

*University of Bologna, Italy*

Specialization: Health and Population Analytics

**Sep 2022 – July 2024**

### Bachelor in Economics

*Instituto Tecnológico de Santo Domingo (INTEC)*

Graduated *Summa Cum Laude*

**Nov 2017 – April 2021**

## Technical Skills

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- **Programming & Analysis:** Python, R, SAS, SQL
- **Data Visualization & GIS:** Power BI, QGIS
- **Statistical Methods:** Survival Analysis, Statistical Inference, cluster analysis, statistical modeling
- **Report writing**

## Languages

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- **Spanish:** Native
- **English:** Fluent (TOEFL certification)
- **Italian:** Fluent (CILS certification)

## Awards and Certifications

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- **Erasmus Scholarship:** I was awarded a scholarship in 2019 to complete a semester of my bachelor's in Istanbul, Turkey
- **MAECI scholarship:** I was awarded a scholarship by the Ministry of Foreign Affairs of Italy to complete my master's studies in Bologna, Italy.
- **SAS:** certified specialist Base Programming
- **GRE:** I took the Graduate Record Examination and obtained a score of 155 in verbal reasoning, 156 in quantitative reasoning.
- **WorldBank:** Certification for completing the course Data for Better Lives: A New Social Contract - Certificate with Distinction