José Luis Trujillo López

✉ joseluis.trulop@gmail.com | 📞 +44 7840 634746 | 📍 Colchester, UK | in Jose Luis Trujillo

Data Scientist and recent MSc Statistics graduate in Applied Mathematics, skilled in modelling, analysis, and problem-solving.

PROFESSIONAL EXPERIENCE

Data Integration Officer   Colchester, UK
Understanding Society   *Nov 2025 – Present*

- Enhance the quality, integrity, and usability of study participant data by managing datasets for analysis and external data linkage.
- Integrate and document subsets of participant data for linkage with third-party sources, ensuring consistency and traceability.
- Contribute to the revision, classification, and improvement of historical databases.

Senior Research Assistant (Collaboration with Neutreeno)   Colchester, UK
University of Essex   *Jun 2025 – Sep 2025*

- **Partnered with Neutreeno**, a Cambridge-based cleantech startup, to design data-driven solutions for emissions analysis and decision support.
- Applied clustering, custom distance metrics, and optimisation methods to model similarity and match complex datasets, enhancing database usability and enabling more efficient data handling.
- Built automated pipelines to integrate and process data from multiple sources.

Data Scientist   Mexico City, MX (Remote)
Gaspre   *Jul 2023 – Jul 2025*

- Built and implemented daily price optimization models that are used in over 1,500 petrol stations across LATAM and Europe, improving sales and pricing performance.
- Led a team of data scientists on diverse projects, including sales forecasting, designing loyalty programs, and market analysis models, applying statistical and machine learning methods helping the company double its client base within one year.
- Translated complex analytical findings into clear, actionable insights for non-technical stakeholders, to ensure understanding and enable data-informed decisions.

VOLUNTEERING

- ***Collaborator at Datalab*** (2022): Contributed to social-impact projects by analysing datasets and creating visualisations to raise awareness of critical social, economic, and environmental issues in Mexico.
- ***Teaching Assistant at ITAM*** (2021-2023): Created learning materials and provided academic support in Microeconomics to help students better understand important concepts and improve their performance throughout the course.

EDUCATION

University of Essex — Colchester, UK
MSc in Statistics — *2024 – 2025 (Expected)*

- **Dissertation:** *Understanding Migration Intentions in Latin America.*

  Applied multilevel logistic regression models to analyze how individual and country-level factors influence migration intentions across 15 countries using Data from the Latin American Public Opinion Project (LAPOP).
- **Relevant Modules:** Applied Bayesian Statistics, Machine Learning and AI, Reinforcement Learning, Statistical Computing.
- Expected grade: First Class (Distinction).

Instituto Tecnológico Autónomo de México — Mexico City, MX
Bachelor of Applied Mathematics — *2019 – 2024*

- **Final GPA:** 8.63/10
- **Relevant Modules:** Stochastic Processes, Applied Statistics, Linear Programming, Bayesian Statistics, Data Sources and Structures, Micro and Macro Economics.
- Activities include research collaboration in social data science (DataLab) and experience as a Teaching Assistant in Microeconomics.

SKILLS

- **Programming Languages:** R, Python, Java
- **Tools:** SQL, MongoDB, Git, Excel, LaTeX, AWS
- **Languages:** Spanish (Native), English (Advanced), French (Intermediate), Portuguese (Basic)