Linda Cabrera-Orellana
DATA SCIENTIST

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I am a data scientist with a passion for data communication and data visualization. I have a background in mathematics and quantitative techniques for business management. I am currently working as online software instructor at Sociedad Ecuatoriana de Estadística.

⚙ Skills

TECHNICAL

Data Processing	Data Visualization	Marketing	Others
R – Python – MS Excel – SPSS	Power BI – Shiny	Google Analytics– Canva	SQL – Git – GitHub – LaTeX

SOFT

- Problem solving, Teamwork and Critical Thinking
- Initiative and Adaptability
- Compromise and Responsibility

</> Projects

- ⬡ Text Mining: Twitter data mining, text analysis, sentiment analysis and LDA. — *R*
- ⬡ Data Science: Prospecting of cardholder consumption based on the line of business. — *R*
- 🌐 Linda Cabrera: Website contains my portfolio, posts and projects about data science and education. — *Html - CSS - R*

💼 Professional Experience

Software Instructor (remote)
SOCIEDAD ECUATORIANA DE ESTADÍSTICA — *04, 2022 - present*
- Instructor of the *Software Management* module of the International Program for Statistics Applied to Scientific Research.
- Instructor of the course Data Manipulation with R.

Co-organizer (remote)
R-LADIES GUAYAQUIL — *04, 2021 - present*
- Organization of workshops and virtual events for the teaching of R and its applications.
- Collaboration in the organization of regional and international conferences of the R community.

Full-time Teacher (hybrid)
UNIVERSIDAD TÉCNICA DE MACHALA — *Machala, EC* — *04, 2019 - 09, 2022*
- Chair of Calculus, Statistics and Differential Equations.
- Member of the Quality Management and Accreditation Committee. Management of indicators.
- Creator of the fan page of the Food Engineering Career and Community Manager. URL: *https://www.facebook.com/alimentosutmach*

Programming and Quality Management Assistant
CORPORACIÓN ELÉCTRICA DEL ECUADOR CELEC EP — *Machala, EC* — *04, 2013 - 02, 2017*
- Implementation and Responsible for the Quality Management System ISO 9001-2015.
- Design and development of reports, dashboards or other tools for monitoring strategic information in MS Excel.
- Process management, control and monitoring of company indicators.
- Optimization of the inventory process. 30% annual reduction in inventory cost.

🏛 Education

Universitat Politècnica de València & Universitat de València
Valencia, SP
MÁSTER EN INVESTIGACIÓN MATEMÁTICA — *2017 - 2018*
- Methodological tools in mathematical research, Introduction to mathematical research, Mathematical modeling in industry, Applied Mathematics.
- TFM: Algoritmos matemáticos para el tratamiento de señales financieras. URL: *http://hdl.handle.net/10251/111119*

Escuela Superior Politécnica del Litoral
Guayaquil, EC
INGENIERA EN AUDITORÍA — *2009 - 2014*
- Quantitative Methods 1-3, Financial Mathematics, Inferential Statistics, Sampling and Survey Design, Financial Administration, Database for Auditors, Sampling and Multivariate Analysis, Quality Engineering, Operational Auditing, Auditing of Computer Applications, among 34 subjects.
- Tesis: Diseño de un sistema de gestión por procesos, aplicado a una empresa dedicada a la rectificación de motores. URL: *http://www.dspace.espol.edu.ec/xmlui/handle/123456789/39500*

⚲ Courses

Women in Data Science Ecuador
Universidad de Stanford - Sociedad Ecuatoriana de Estadística · *04, 2022*
Bioestadística aplicada a la investigación científica
Sociedad Ecuatoriana de Estadística · *02, 2022*
useR! 2021 The R Conference
The R Foundation for Statistical Computing c/o Institute for Statistics and Mathematics · *07, 2021*
X Seminario Internacional de Estadística Aplicada
Sociedad Ecuatoriana de Estadística · *05, 2021*
Análisis de redes sociales usando Procesamiento de Lenguaje Natural
Sociedad Ecuatoriana de Estadística · *01, 2021*
Visualización y Analítica de Datos con Power BI
SolOpt S.A. · *07, 2020*
Getting and Cleaning Data
EdX · *05, 2020*
R Programming
EdX · *04, 2020*

✷ Certifications

| 2021 | Software Carpentry Instructor | *The Carpentries* |
| 2021 | Data Scientist - Sociedad Ecuatoriana de Estadística | *SEE* |

👤 Memberships

since 2021 R-Ladies Global ⚲
since 2022 Women in Data Science ⚲
2021   Organizing Committee, Latin R 2021, Latin American Conference for the use of R

🅰 Languages

- English:
    - Reading/Listening: Intermediate
    - Speech: Intermediate
- Spanish: Native