Alejandra Lopez-Galan

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Oaxaca, México

SUMMARY

Highly motivated and results-oriented PhD graduate with a strong foundation in data analysis, visualization, and research methodologies. Eager to leverage expertise in Python programming, statistical analysis, SQL, and data visualization tools to transition into a Data Analyst role. Skilled in data collection, cleaning, and manipulation, with a passion for uncovering insights from complex datasets.

WEBSITES, PORTFOLIOS, PROFILE

LinkedIn - https://www.linkedin.com/in/alejandralopezgalan
Website - https://alejandralopezgalan.github.io
Portfolio - https://www.datacamp.com/portfolio/alejandralopezgalan
GitHub - https://github.com/alejandralopezgalan

WORK EXPERIENCE

High School Science Teacher, 05/2022 - Current
Instituto Blaise Pascale. Oaxaca, Mexico

- Created comprehensive Excel training modules to teach students how to analyse geographical data aligned with curriculum standards.

Research Assistant, 01/2016 - 01/2022
Queensland Brain Institute. The University of Queensland. Australia

- Demonstrated expertise in R programming, statistical analysis, and data visualization through a research project, culminating in two peer-reviewed publications.

Laboratory Manager, 01/2014 - 02/2015
Universidad del Mar, Oaxaca, Mexico

- Advised and trained over 50 students in safe laboratory operations.
- Managed research project finances and data analysis, saving the laboratory facilities over 100 hours through streamlined processes and efficient resource allocation.

EDUCATION

Doctor of Philosophy. Neuroethology

Queensland Brain Institute. The University of Queensland. Australia

Bachelor of Science. Marine Biology

Universidad del Mar, Oaxaca, Mexico

SKILLS

Technical Skills: R programming language, statistical analysis (descriptive, predictive, parametric and non-parametric).

Data Management: PostgreSQL, Excel, and Google Sheets

Data visualization: PowerBI, and RStudio