# Alejandra Lopez-Galan

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Oaxaca, México

## SUMMARY

Highly motivated and results-oriented PhD graduate with a strong foundation in data analysis, lization, and research methodologies. Eager to leverage expertise in Python programming, statistical analysis, SQL, and data lization 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