

# 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/>

Portfolio - <https://www.datacamp.com/portfolio/alejandralopezgalan>

GitHub - <https://github.com/alejandralopezgalan/>

## WORK EXPERIENCE

**High School Science Teacher**, 01/2021 - 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 - 12/2021

**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