

Luan Sousa

STATISTICIAN · DATA SCIENTIST

Fortaleza, Ceará, Brasil

☎ (+55) 88-99814-6736 | ✉ luansousa@protonmail.com | 🏠 lluansous.github.io | 📱 lluansous | 🌐 luan-sousa-

Summary

I am Bachelor's degree in Statistics and Data Science from the Federal University of Ceará (UFC), where I received a solid foundation in Statistics, Machine Learning, and Programming. I have worked and conducted research in Machine Learning (supervised and unsupervised learning) and Generalized Linear Models.

Education

UFC(Federal University of Ceará)

B.S. IN STATISTIC

- Departament of Statistc and Data Science

Fortaleza, Ceará

Mar. 2020 - Aug. 2025

Work Experience

Perícia Forense do Estado do Ceará (PEFOCE)

DATA INTERN

- I leverage statistical methods and data science approaches to uncover patterns and trends in big data.
- Tools: PostgreSQL, R, Python, Looker Studio

Fortaleza, Ceará

Ago. 2024 - Present

Junior Enterprise - GAUSS

STATISTICIAN JUNIOR

- Design and implementation of statistical models and simulations to solve real-world problems, using tools like R and Python. Our approach ranges from basic Exploratory Data Analysis (EDA) to advanced techniques like Multivariate Analysis.

Fortaleza, Ceará

Jun. 2024 - jul. 2025

Sicredi - Cooperative Credit System

DATA SCIENCE INTERN

- Applied inferential statistical techniques to analyze data patterns, trends, and correlations, supporting strategic decision-making.

Fortaleza, Ceará

Apr. 2023 - Apr. 2024

Professional Development

CERTIFICATIONS

- Machine Learning (Huawei)
- Data Science (Mandacaru.dev)
- Cluster Analysis (FIA)
- SQL, BigQuery and Other Tools (Alura)

PROGRAMMING LANGUAGES

- R/R Markdown
- Python
- SQL (PostgreSQL)
- JavaScript

TOOLS & PLATFORMS

- Microsoft Power BI
- Tableau
- Observable
- Looker Studio

Scientific research

25th SINAPE - Brazilian Statistics Symposium

ADJUSTED ZERO GAMMA INVERSE REGRESSION MODEL

- In this work, we propose a methodological advancement by extending the zero-adjusted inverse gamma distribution to a regression framework. This extension enables the analysis of dependent variables with associated explanatory factors. The proposed zero-adjusted regression model builds upon Vitorino's (2024) distribution but incorporates a regression structure to assess the effect of covariates on the dependent variable. Thus, it provides a more comprehensive and flexible statistical tool for fields working with such data.

Fortaleza, Ceará

Ag. 2024