Henrique Laureano

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Principal Data Scientist | Statistician | M.Sc. in Statistics and Numerical Methods in Engineering

Experience

Principal Data Scientist, *EBANX* – Curitiba-PR, Brazil [May, 2025 - Present]
- Leads KPI forecasting (transactions, fraud, revenue) with ML (LSTMs, Transformers), probabilistic and ensemble models.
- Builds scalable pipelines, automates reporting and anomaly detection, and mentors team members on time series and statistical modeling best practices.

Senior Data Scientist, *Banco Bradesco* – Curitiba-PR, Brazil [Mar, 2025 - Apr, 2025]

Independent Model Validation and Monitoring team, working with the massified credit risk portfolio.

Senior Data Scientist, *Volvo Trucks Latin America* – Curitiba-PR, Brazil [Oct, 2022 - Feb, 2025]
- Built total market forecasts for Chile & Peru: cut error to <3%, +10% accuracy.
- Modeled telemetry data to save six figures monthly in corrective service costs.
- Optimized gold service-contract pricing: +5% sales, -10% churn.
- Forecasted S&A expenses for LATAM HQ: 9% (seven-figure) cost reduction.

Senior Statistician, *Pelé Pequeno Príncipe Research Institute* – Curitiba-PR, Brazil [May, 2021 – Sep, 2022]

Led visualization, sampling, and predictive modeling for complex diseases, epidemiological and clinical studies. Authored six international publications at LATAM's largest pediatric hospital.

Statistical Consultant, *Freelance* [Jan, 2017 – Apr, 2021]

Provided statistical consulting across diverse fields, including Agronomy, Biology, Economics, Engineering, Medicine, and Psychology.

Statistician, *Telehealth Center – Hospital das Clínicas (UFMG)* – Belo Horizonte-MG, Brazil [Jul, 2016 – Dec, 2016]

Developed predictive/statistical models on Chagas and rheumatic disease risk. Led platform shift from SPSS to R, applying advanced methods (e.g., multivariate failure time models). Transitioned to pursue M.Sc. in Statistics at UNICAMP.

Education

Masters in Statistics and Numerical Methods in Engineering, *Universidade Federal do Paraná (UFPR)* [2021]

Interrupted **PhD in Applied Mathematics and Computational Sciences (AMCS),**
King Abdullah University of Science and Technology (KAUST) [2019]

Interrupted **Masters in Statistics**, *Universidade Estadual de Campinas (UNICAMP)* [2017]

Bachelor in Statistics, *Universidade Federal do Paraná (UFPR)* [2016]