

Tamiris Martins

Edgard Nogueira, 469, São Luiz – 27286-330 Volta Redonda - RJ – Brazil

☎ +55 (21) 99632 9170 • ✉ tamiriscrepaldemartins@gmail.com • in tamiriscrepalde
🌐 tamiriscrepalde • 📄 11779941/tcrepalde

Skills

Programming languages: Python, scikit-learn, SQL, Git, TortoiseSVN, Fortran, Matlab, \LaTeX

Softwares and tools: GCP, BigQuery, VertexAI, Airflow, Flyte, Metabase, MLFlow, Machine Learning
Supervised learning, Unsupervised learning

Interpersonal: Critical thinking, Problem solving, Analytical skills, Leadership,

Languages: Portuguese (Native); English (Professional proficiency CECRL C1)

Experience

Hurb

Rio de Janeiro

Data Scientist

Aug 21 - Current

- Developed a heuristic to predict hotel room prices by applying Kernel Density Estimation, which became the main resource to specify travel packages' hotel room nights.
- Improved a Hotel Rooms Deduplication algorithm focusing on creating label functions based on business rules.
- Developed a Demand Estimator using Google Vertex AI, Flyte as orchestrator, and MLFlow for monitoring. The project helped commercial executives to evaluate future demand and price to improve negotiations. It was an extensive data modeling challenge with plenty of business rules and constraints transformed into features.
- Built a K-Means clusterization model to cluster hotel based on marketing performance metrics, helping Performance Marketing Team to improve bidding strategies.

Data Analyst

Rio de Janeiro, RJ

Hurb

Mar 20 - Aug 21

- Developed a pipeline for offline transaction tracking through Google's HTTP Request Measurement Protocol, using Airflow as orchestrator, allowing the Performance Team to use accurate sales data to enhance Google Ads campaigns.
- Implemented Google Analytics' Google Enhanced E-commerce using Google Tag Manager, enriching user interactions data collection and allowing the development of projects such as Image Selection and Custom Search Results based on CTR.
- Worked giving support to the Commercial and Marketing Performance teams creating tables, views, and dashboards to support a wide variety of strategic decisions.

Data Science Trainee

Rio de Janeiro, RJ

Hurb

Aug 19 - Mar 20

- Supported business areas by using SQL to translate data into business insights through dashboardings and reports.
- Developed a study case, using Google Trends data, about destinations with high demand for which we didn't use to sell travel packages; we could identify destinations that turned into top sellers in the following years.

Power Engineering Intern at ANAREDE

Rio de Janeiro, RJ

CEPEL

Sep 16 - Aug 18

- Supported the team in developing the power system software ANAREDE, which reunites tools for steady-state power systems analysis.
- Worked on programming in Fortran and code versioning with TortoiseSVN in modules related to power flow, always focusing on clean code.
- Developed an ANAREDE module used to produce reports related to contingency studies for the National System Operator (ONS).

Education

Federal University of Rio de Janeiro

Rio de Janeiro - RJ

Electrical Engineering, Activities and societies:

Mar 13 - Dec 18

- Young Talents for Science Program (pre-scientific initiation)
- Robotics Team MinervaBost UFRJ (Project Leader and Captain)
- Students Representative of Electrical Engineering
- Graduation Committee