

# Tamiris Martins

Rua Bela Vista, Penedo – Itatiaia - RJ – Brazil

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## Skills

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**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, Systemic View, Leadership,

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

## Experience

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### 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 precify travel packages' hotel room nights.
- Developed a Hotel Rooms Deduplication algorithm using VertexAI Entity Extraction and Snorkel by creating technical and business label functions.
- 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 and Google PubSub logs as external trigger for the DAG, 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 and views on Google Bigquery, and dashboards with Metabase 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

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### 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