Tamiris Crepalde Martins

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Skills

Languages & Libraries	Python, SQL, Machine Learning, Deep Learning, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Fortran (legacy)
Cloud Platforms	Google Cloud Platform (Vertex AI, BigQuery), Azure Databricks, AWS
MLOps & Engineering	MLflow, Flyte, Airflow, Git, Azure Databricks Workflows, Model Deployment & Monitoring, Feature Engineering, Data Pipeline Automation, Model Registry
Analytics & Tracking	Power BI, Metabase, Google Analytics, Google Tag Manager, Google Ads Measurement Protocol, Enhanced E-commerce
Software Tools	VSCode, LaTeX, MS Office, TortoiseSVN
Languages	Portuguese (native), English (professional proficiency – CEFR C1)

Professional Background

Jul 25 - Current   **Data Scientist**, *BIX Tech*, Florianópolis, SC.

Developed machine learning projects for predicting production lead time and error risk in industrial settings. Developed end-to-end cycle in Azure Databricks, using MLFlow for model and artifacts registry, Databricks Workflows to automate pipelines and Power BI for decision-making support.

Aug 21 - Jul 22   **Junior Data Scientist**.

Contributed to Growth Marketing, Commercial, and Product while developing projects from data wrangling to deployment. Developed a Demand Estimator using Google Vertex AI, Flyte for orchestration, and MLFlow for monitoring. The project involved extensive data modeling with plenty of business rules and constraints transformed into features.

Nov 20 - Aug 21   **Data Analyst**.

Developed a pipeline for offline transaction tracking through HTTP Request Measurement Protocol from Google, using Airflow as an orchestrator. The project enabled our Performance Team to use more accurate sales data to enhance Google Ads campaigns.

Mar 20 - Nov 20   **Junior Data Analyst**.

Supported stakeholders from teams like Product, Commercial, and Marketing. Labored extensively with Google Analytics data through SQL and BigQuery. Implemented the data tracking Google Enhanced E-commerce using Google Tag Manager for Google Analytics.

Aug 19 - Mar 20   **Data Science Trainee**.

Assisted business areas such as Commercial and Marketing Performance by developing dashboards and reports on Metabase to support stakeholders' decisions. Contributed to a tourism destination demand study using Google Trends data, which identified destinations that turned into top sellers in the following years.

Sep 16 - Aug 18   **Power Engineering Intern at ANAREDE**, *CEPEL - Electrical Energy Research Center*, Rio de Janeiro, RJ.

Supported the team in developing the power system software ANAREDE, software for steady-state power systems analysis. Worked programming in Fortran and versioning code with TortoiseSVN. Developed a module of reports for contingency studies.

Educational Background

Jan 25 - current   **Master of Science**, *Georgia Institute of Technology*, Atlanta, GA, *Computer Science*.

Apr 13 - Dec 18   **Undergraduation**, *Federal University of Rio de Janeiro*, Rio de Janeiro, RJ, *Electrical Engineering*.

Courses & Certificates

Jun 23   **Data Scientist Nanodegree**, *Udacity*, click here.

Mar 23   **International English Language Testing System**, *British Council*, Band Score 7.

Jul 22   **Machine Learning Advanced Solutions Lab**, *Google*.

Jul 20   **From Data to Insights with Google Cloud**, *Coursera*, click here.