GABRIEL TEOTONIO

Recife-PE, Brazil | gabrielteotonio.com

Highly skilled Data Engineer with a strong foundation in data science and statistics. Proven experience in building and maintaining robust data pipelines and conducting in-depth data analysis. Adept at leveraging advanced technologies to extract valuable insights and drive data-driven decision-making.

EDUCATION

Master of Science in Computer Science | Federal University of Pernambuco

Degree obtained March 2023

- Relevant coursework: Unsupervised Machine Learning and Data Mining

Bachelor of Science in Statistics | Federal University of Pernambuco

Degree obtained December 2020

- Undergraduate Research Assistant
- Probability & Exploratory Data Analysis Teaching Assistant
- President, Statistics Department Academic Directory

International Student | Taita College

A semester of exchange during 2014

- Immersed myself in New Zealand's culture, improved language skills, and gained international experience while studying as a regular student

EXPERIENCE

Data Engineer | Incognia | São Paulo, BR (Remote)

December 2022 – Present

- Design and implement high-throughput data pipelines using Apache Spark, Trino, and DBT, resulting in a 30% reduction in data processing time, 5x increase in data throughput
- Developed and deployed data integration pipelines to ingest customer data for machine learning model solutions, resulting in a 15% increase in company revenue
- Ensured data quality, consistency, and security by implementing robust testing and monitoring frameworks
- Collaborated effectively with data analysts, data scientists, and business stakeholders to understand their data requirements and deliver actionable insights

Data Scientist | Incognia | São Paulo, BR (Remote)

January 2021 – December 2022

- Reduced ride-hailing user fraud by 90% and bank account takeover by 98% through the development and implementation of advanced fraud detection models
- Solved complex analysis problems, applying advanced analytical methods such as statistical modeling to identify and mitigate critical risks

- Built and prototyped high-performance analysis pipelines that scaled to handle massive datasets, enabling real-time insights and improved decision-making
- Collaborated closely with cross-functional engineering teams to identify, design, and implement Inloco's product enhancements

Data Scientist | Inloco | Recife, BR

June 2019 – December 2020

- Leveraged time series techniques such as ETS (Error-Trend-Seasonality) and ARIMA to analyze large-scale mobile device data and identify key trends and patterns in user behavior
- Conducted A/B testing and other experimentation to evaluate the effectiveness of different targeting strategies and optimize ad campaigns for maximum ROI
- Developed and presented data-driven insights and recommendations to senior leadership, influencing key business decisions

Data Analyst Intern | Inloco | Recife, BR

June 2018 – June 2019

- Analyzed user behavior data to identify key trends and patterns in mobile usage, including app usage, location history, and demographics
- Developed insightful reports and dashboards to visualize user behavior and market trends, providing valuable insights for sales and business development teams
- Supported the sales team in identifying and qualifying potential customers by providing data-driven analysis of their target markets and user bases

Skills

- SQL, Spark, DBT, Python, and R
- Data Modeling and Design
- Statistical Modeling

- Analytical Patterns and Visualization
- Effectively collaboration with cross-functional teams
- Fluent in English