



Ricardo Marques

Phone number: 924218184

Email: ricardo.andreom@gmail.com

Linkedin: [linkedin.com/in/ricardoandreom/](https://www.linkedin.com/in/ricardoandreom/)

Github: github.com/ricardoandreom

Tableau: public.tableau.com/app/profile/ricardoandreom/

Medium: medium.com/@ricardoandreom

Portfolio page: https://ricardoandreom.github.io/ricardoandreom_portfolio/

Profile

I'm Ricardo, a passionate data scientist with a love for technology and creative solutions. With 2 years of professional experience in data science within the banking sector, I have had the opportunity to work with diverse technologies and platforms to develop robust and scalable solutions tailored to meet the needs of different projects.

As I love to develop and apply my skills to tackle interesting problems and draw meaningful insights from data, I'm looking for an opportunity where I can apply data science assisting enterprises by supporting data-driven decision-making.

Academic education

- **MSc. Mathematics with specialization in Statistics, Optimization and Financial Math** - UC (2020-2022)
- **Master in Big Data applied to Football** - UCAM (2021-2022)
- **BSc. Mathematics** - UC (2017-2020)

Professional experience

Data Analyst trainee - BNP Paribas (3 teams rotation - Sept 2022 to Aug 2023)

- **In my role as a Digital team member at Risk I2S**, I was tasked with designing, developing and automating reporting and analytical features using Python to monitor counterparty risk. I also played a key role in migrating processes from R to Python, optimizing efficiency and functionality. Additionally, I took on the responsibility of training users on the new tools and features developed.
- **As part of the Counterparty Metrics team**, I participated in the analysis and production of counterparty metrics. I also tasked with conducting exposure simulations tailored to the specific requirements outlined by traders. Moreover, I was involved in projects focused on automating data processing and result generation using Python, alongside developing Power BI dashboards to enhance visualization and insights.
- **As a member of the Credit Risk Control team**, my primary responsibilities involved analyzing counterparty metric exposures that exceeded limits and reporting on such excesses, with a focus on the APAC region.

Data Scientist trainee - Banco BPI (Sept 2023 to present)

- **As member of AI Center of Excellence**, I'm working on an end-to-end predictive machine learning project leveraging Google Cloud's BigQuery for SQL programming and Vertex AI for Python development. Responsibilities include ETL processes, customer behavior analysis, development and optimization of machine learning models for churn prediction and also effective communication of insights through interactive data visualizations.

Tools & programming languages

- Python
- SQL
- R
- HTML
- PowerBI
- Tableau
- Google Cloud Platform (Bigquery, Vertex AI)
- Excel

Skills

- ETL processes
- Data visualization
- Data analytics
- Machine Learning

Languages

- **Portuguese** - Native
- **English** - Advanced
- **Spanish** - Basic

Hobbies

- Writing data science articles for Medium
- Football scout
- Freelance in data analysis and analytics in Football