JOÃO COUTO

DATA ANALYST

PERSONAL INFORMATION

⭐ Brazilian

📍 Lisbon, Lisbon, Portugal

📞 +351937307028

✉️ jllcen2011@gmail.com

🐙 My Github

in My Linkedin

⛵ My Portfolio

TECHNICAL SKILLS

Professional level:

Python
SQL
Microsoft Power BI
Microsoft Excel
Streamlit web app

Junior level:

Machine Learning
Apache Airflow
Databricks

Trainee level:

R Language
Deep Learning

LANGUAGES

Portuguese (Native)

English (Fluent)

Spanish (Advanced)

SELECTED EXPERIENCE

Lead Data Analyst

Laboratório Edol - Produtos Farmacêuticos, S.A. | Jun 23 - Present
Lisbon, Lisbon, Portugal · Hybrid

As I am at leading position in data analysis within the company, I've led the development and implementation of a comprehensive data analysis infrastructure from scratch, replacing outdated Excel-based methods. My key contributions include:

- Using SQL, I extracted datasets from Navision, requiring deep operational understanding for effective analysis. This involved identifying business needs and structuring data for clarity;

- Developing Python scripts for SQL queries, joining and cleaning Navision tables. The refined data was exported in CSV format, enabling impactful visualization in Power BI;

- Creating and tailoring Power BI dashboards with dynamic graphs and KPIs to meet client needs, followed by final design enhancements using Photoshop;

- Working in the Streamlit environment to create a real-time budget app, as well as to develop other solutions that require immediate data updates and enhanced user interaction;

- Establishing a dedicated data analysis server for hosting files, automating routine data updates through Windows Task Scheduler, ensuring continuous intranet site availability;

- Pioneering the company's shift towards data-driven decision-making, significantly reducing weeks of work and manual effort through automation and streamlined processes; and

- Consistently prioritizing cost-effective solutions to minimize or eliminate financial impacts on the company.

Data Analyst

Navy Internal Control Center - Lieutenant Captain
Brazilian Navy | Jan 21 - May 23
Rio de Janeiro, Brazil

- Applied expertise in public finance and accounting to develop and implement compliance verification procedures across all naval military organizations. Ensured adherence to financial regulations and operational standards.

- Leveraged Python and SQL for advanced data analysis across varied sources, automating task processes with Apache Airflow to enhance audit efficiency. This automation enabled the generation of detailed reports and proactive notifications to military organizations, identifying discrepancies and providing actionable solutions for immediate rectification.

Manager of Finance Department

Rio Negro Naval Station - From Second to First Lieutenant
Brazilian Navy | Jan 16 - Dec 19
Manaus, Amazonas, Brazil

- Led a 5-member team and managed finance and budget operations for the Naval Station, monitoring and controlling its income and expedenditures (e.g., parking, maintenance and repairs for brazilian navy ships).

- Monitoring and analyzing with excel sheets at first. Then, developed and adapted these tasks for the federal government management systems (SIAFI and Tesouro Gerencial), in order to automate the completion of these worksheets, reducing work time and preventing some errors.

EDUCATION

Master of Business Administration in Data Science

Faculdade de Informática e Administração Paulista (FIAP) | Mar 22 - Mar 23

- Coursework included: Data Architecture, Business Analytics, Data Modeling, Feature Engineering, Machine Learning, Data Governance and Deep Learning. Grade: A.

- Project to create an algorithm for sentiment analysis and natural language processing to extract information from publicly available social media assets. Skills required: Different machine learning models, as well as deep learning ones; put into practice knowledges about Data Architecture, Data Analysis, Data Visualization with Power BI, Databricks Platform, Data Integration with API and ETL.

- Created a fictitious startup through leading best practices, including defining a clear problem statement, brainstorming solutions and validating a clear value proposition with the business model canvas approach.

Graduate Certificate in Public Administration

Federal University of Rio de Janeiro | Jan 20 - Dec 20
- Graduated with honors (90%+ GPA).

Bachelor of Naval Science (Qualification in Public Administration)

Brazil Naval Academy | Jan 11 - Dec 15
- Graduated fourth in class, with honors (80/90 GPA).