# JOÃO COUTO

## DATA ANALYST

## PERSONAL INFORMATIONS

★ Brazilian

📍 Portugal

📞 +5592984722121

✉ jllcen2011@gmail.com

🐙 https://github.com/jllcen2011

in https://www.linkedin.com/in/joaocouto1990/

## TECHNICAL SKILLS

🔖 **Junior level:**

Python
SQL
Machine Learning
Apache Airflow
Databricks
Microsoft Power BI
Microsoft Excel

🔖 **Trainee level:**

R Language
Deep Learning

## LANGUAGES

Portuguese (Native)
English (Fluent)
Spanish (Advanced)

## SELECTED EXPERIENCE

### Data Analyst

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

- Body responsible for internal auditing in the Brazilian Navy. Put my experience with public finance and accounting issues into practice, helping to create procedures that would verify compliance with the rules by all the military organizations of the Navy.

- Also, analyzed and interpreted this volume of data obtained by various systems, such as payment, financial, material, administration etc, using Python scripts (Pandas, Numpy and Matplotlib), with queries in SQL. Automated some tasks using Apache Airflow.

- Helped to improve auditing activities. Each automated task generated a report and a notification was sent to each military organization, with the error detected and the proposed solution to solve the problem.

### 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.

- Used Excel's dynamic tables to make analysis, reports and indicators, in order to base the command's decision making.

- Contributed to the Naval Station's continuous improvement and excellence by being part of the team responsible for its promotion from bronze to gold in the Amazonas Quality Award

### Midshipmen
Bachelor of Naval Science (Qualification in Public Administration)
Brazilian Navy Academy | Jan 11 - Dec 15
Rio de Janeiro, Brazil

- Studied specialized in matters as: Public Finance and Budget Management, Public Accounting, Acquisition Process and Military Supplies.

- Internship for 2 years in the Finance Division of Navy Academy, gaining experience in Public Finance and Budget Analysis.

- Graduated fourth in class, with honors (80/90 GPA). Then, in the last year, I became a platoon commander, in charge of leading the development of midshipmen of younger classes.

## 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
- Passed 14° in the national exam for Brazilian Navy School, one of the top five most difficult and competitive in the country

- Graduated fourth in class, with honors (80/90 GPA).

- Coursework included: Public Finance and Budget Management, Public Accounting, Acquisition Process and Military Supplies.