

Eduardo Neves

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PROFESSIONAL EXPERIENCE

Data & AI Professional with experience delivering end-to-end solutions across data engineering, analytics, machine learning, and cloud platforms. Skilled in Python, SQL, and modern data workflows, with expertise in ETL pipelines, predictive modeling, and visualization using Tableau, matplotlib, seaborn, and plotly. Hands-on experience with orchestration tools (Airflow, Spark), containerization (Docker), and Infrastructure as Code (Terraform), as well as integrating Generative AI and NLP technologies via Azure and Google AI services.

PROFESSIONAL EXPERIENCE

Data & AI Engineer

Capgemini Engineering

Sep. 2025 – now

Vila Nova de Gaia, Portugal

- Coded and investigated state-of-the-art for research on a cutting-edge nation-wide mobility project.
- Developed and learned several projects on various enterprise-grade platforms with real-world applications.

Research Assistant

Centre for Informatics and Systems of the University of Coimbra

Sep. 2023 – Jul. 2024

Coimbra, Portugal

- Innovated with a broad framework for real-world applications of ML implementations.
- Mitigated identified shortcomings of non-ideal multi-agent environments with a human-centered perspective.
- Improved the classical implementations by 10% with less 100 iterations in some cases for the same target accuracy.

EDUCATION

MSc in Data Science and Engineering

Universidade de Coimbra

BSc in Physics Engineering

Universidade de Coimbra

CERTIFICATES

Generative AI Leader

Google Cloud

Microsoft Certified: Azure AI Fundamentals

Microsoft

PROJECTS

Talent Guardian: Preventing Attrition with ETL, DW, and OLAP

Sep. 2023 – Jan. 2024

MSc in Data Science and Engineering

Coimbra, Portugal

- Integrated data from multiple sources with a custom developed ETL pipeline through Pentaho tool, achieving a throughput higher than 1 with 30+ columns.
- Constructed a Data Warehouse with an orchestration tool and queried in SQL extract information for a ML model and into Tableau to perform analysis.
- Trained a Logistic Model on the data that provided classification and probability with accuracy about 80%.

SKILLS

Programming languages: Python, SQL (Postgres, MySQL), MATLAB, Java, JavaScript (React, Node.js), Bash

Libraries: keras, matplotlib, nltk, numpy, pandas, pytorch, scikit-learn, scipy, seaborn, plotly, tensorflow, dash, modAL, streamlit

Tools and Software: Linux, pgAdmin, AWS, Docker, Git, MS Excel, QGIS, Tableau, Pentaho, Airflow, Spark, GenAI (Azure, Google), Terraform