Bruno Raimundo

Data & BI Enthusiast / Mechanical Engineer

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31-year-old professional with experience in process management, automation, and data analysis. Currently transitioning into the data field, with a particular interest in Business Intelligence and Data Science. Proficient in Python, SQL, Power BI, and data manipulation techniques. Holds a Master's degree in Mechanical Engineering and is passionate about continuous learning and growth in the data domain.

EDUCATION

UNIVERSITY OF COIMBRA – *Master of Mechanical Engineering*   **SEPTEMBER 2011 – JULY 2017**
- Master's Thesis "Modeling and numerical simulation of the multi-stage stamping process of a brake pedal" (18/20).

EDIT. – *Data Science & Business Analytics*   **OCTOBER 2024 – APRIL 2025**
- Data Analysis: Exploratory analysis, data cleaning, and transformation using Python and PostgreSQL.
- Predictive Models & Machine Learning: Development of predictive models and clustering for data analysis.
- Business Intelligence & Data-Driven Insights: Creation of interactive dashboards and reports in Power BI, generating actionable business insights to support decision-making and strategy.

PROJECTS (See more at my portfolio https://brunoraimundo93.github.io/)

Machine Learning Approaches for Near-Expiration Products
- Random Forest Classifier is used to predict the likelihood of sale for near-expiration products. The model is trained on 150k+ records and reaches a 75.8% F1-score.
- A Power BI dashboard, focused on the operations manager, visualizes key sales insights, and clustering helps segment stores for targeted strategies.

COURSES AND CERTIFICATIONS

CESAE Digital – *Business Intelligence*   **JULY 2024**

Key Topics: Exploratory Data Analysis, SQL Fundamentals, Data Transformation, Data Modeling, Data Visualization, and Business Intelligence Project.

COURSERA – *IBM Business Analyst Professional Certificate*   **OCTOBER 2024**

Key Topics: Business Intelligence, Statistical Analysis with Excel, Relational Databases, Tableau, Data Visualization, Data Warehousing, SQL, and BI Capstone Project.

EXPERIENCE

Grupo Lusiaves, Figueira da Foz — *Process Manager*   **SINCE JUNE 2023**

- Implementation and configuration of Manufacturing Execution System (MES) in factory units of the business group.
- Identification of business unit requirements, stakeholder needs, and industry-specific requirements for the definition, validation, and implementation of specific MES modules.
- Training and support for managers and their teams in the use of productive software.

Gestamp Vendas Novas, Vendas Novas — *Logistic Engineer*   **OCTOBER 2020 – MAY 2023**

- Definition and implementation of new internal supply chains, including warehouse layout and stock rotation analysis.
- Process optimization through the elimination of non-value-added activities and efficiency enhancement.
- Automation of logistics supply using AGVs, enabling continuous data generation for analysis and improvement.

Embraer Portugal S.A., Évora — *Manufacturing Engineer*   **NOVEMBER 2019 – SEPTEMBER 2020**

- Technical support provided to production lines through analysis and assurance of compliance with quality standards, regulations, and other relevant requirements.
- Industrialization processes analyzed and prepared in accordance with customer specifications, leveraging data to optimize workflows and enhance product quality.
- Technical documentation and procedures developed and maintained, ensuring accurate historical record-keeping and data availability for future analysis.

Gestamp Vendas Novas, Vendas Novas — *Logistic Engineer*   **OCTOBER 2018 – NOVEMBER 2019**

- Internal logistics processes managed, including analysis of downtime and operational inefficiencies.
- Automated ordering system defined and implemented, resulting in a 66% reduction in logistics downtime.
- New internal supply chains planned and monitored for upcoming projects.
- Documentation developed for both internal and external logistics processes.
- Multidisciplinary teams trained to enhance logistics operations.

SKILLS

Programming: Python (NumPy, Pandas, Scikit-learn, Seaborn), SQL
Machine Learning: Supervised Learning, Clustering, Predictive Models
Others: Excel, Word, PowerPoint, PowerBI