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SUMMARY

Industrial Engineering and Management graduate from the University of Porto with hands-on experience in data science, machine learning, and data visualization and with a strong analytical mindset and a growing focus on data science.

Currently working at Deloitte, where I build data-driven solutions to support strategic decision-making. I have experience in developing predictive models, creating dashboards, and ensuring data quality and alignment across systems to support scalable analytics.

With a focus on turning data into actionable insights, I'm deepening my expertise in machine learning and advanced analytics to take on increasingly complex challenges in data science.

WORK EXPERIENCE

Deloitte Technology

Consultant   **Sep 2024 - Now**

- Project 1: Data Migration
  - Led a data migration project, ensuring data integrity and consistency across systems. Developed and implemented data validation rules using data analysis techniques to ensure reliable data transfer, while applying data-driven decision-making to align plants and enhance data quality for downstream analytics.
- Others Contributions
  - Organizing and driving People initiatives to enhance team engagement.

Key Skills: Data Migration, Data Validation, Data Integrity, Cross-System Integration, People Initiatives

Analyst   **Jun 2023 - Sep 2024**

- Project 1: Creation of a Databook with key business indicators
  - Created a databook to track key business indicators, collaborating with business teams to assess AS-IS and TO-BE requirements, enabling data-driven decisions.
- Project 2: HR Reporting System Migration to SAP SuccessFactors
  - Led the reporting migration from a previous HR reporting system to SAP SuccessFactors, assessing the current state of reporting (AS-IS), designing TO-BE reports, and developing story reports to present HR data clearly.
  - Coordinated a team of 3.
- Other Contributions
  - Participated in Advanced Analytics initiatives, utilizing data insights to drive process improvements.
  - Development of commercial proposals.

Key Skills: Data Analysis, SAP Analytics Cloud, Reporting Design, Data Visualization, Business Analytics, Advanced Analytics

Kaizen Institute

Analyst   **Aug 2022 - Mar 2023**

- Implementation of Continuous Improvement & Data-Driven Solutions
  - Developed and implemented continuous improvement practices in industrial and educational environments, focusing on data-driven decision-making.
  - Designed and deployed a digital tool to manage and track KPIs, enhancing performance monitoring in educational settings.
  - Created a resource optimization model using data analysis to improve operational efficiency and reduce costs.

Key Skills: KPI Monitoring, Data Analysis, Data Visualization, Dashboard Development

Maersk

Trainee   **Mar 2022 - Jun 2022**

- Development of an Inventory Optimization Tool
  - Designed a data-driven inventory optimization tool to recommend order quantities and frequencies, balancing storage and ordering costs.
  - Built and tested heuristic algorithms and mathematical models using real-world supply chain data.
  - Conducted sensitivity analyses to assess the impact of cost fluctuations on replenishment strategies.
  - Improved cost-efficiency of inventory decisions through machine learning, data analysis, and optimization techniques.

Key Skills: Python (Pandas, NumPy, Scikit-Learn), SQL, Data Visualization (Matplotlib, Seaborn), Machine Learning, Operations Research, Supply Chain Analytics, Decision Support Systems, Heuristics & Optimization

EDUCATION

Specialization in Data Science Engineering (on going)   **Apr 2025 - May 2025**

Instituto Superior Técnico (IST), Universidade de Lisboa (University of Lisbon)
Key Skills: Data Science, Machine Learning, Python (Pandas, NumPy, Scikit-Learn), Data Visualization (Matplotlib, Seaborn), Exploratory Data Analysis, Feature Selection

Data Science & Business Analytics   **Nov 2024 - Mar 2025**

EDIT. - Disruptive Digital Education
Key Skills: Machine Learning, Data Science, Python (Pandas, NumPy, Scikit-Learn, etc.), Exploratory Data Analysis, Data Visualization (Matplotlib, Seaborn), Feature Selection, PySpark, SQL, Azure Databricks

Integrated Master in Engineering and Industrial Management   **Sep 2017 - Jun 2022**

Faculdade de Engenharia da Universidade do Porto (Faculty of Engineering, University of Porto)
Final Grade: 17/20
Key Skills: Machine Learning, Data Analytics, Data Visualization, Clustering Analysis, Optimization, Operational Research, Business Management, Operations Management

ADDITIONAL INFORMATION

- **Hard Skills:** Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), SQL, R, Machine Learning (supervised, unsupervised, regression, classification), Data Visualization (Power BI)
- **Languages:** Portuguese: Native, English: Intermediate (B2)
- **Certifications:** SAP Analytics Cloud - Planning, SAP Analytics Cloud - Story Design, AWS Certified Cloud Practitioner