

MARTIM TEIXEIRA

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SUMMARY

Data Scientist specialized in machine learning, AI-driven automation, statistical analysis and data-driven decision-making. Skilled in building predictive models, intelligent AI agents, and scalable automation workflows. Proficient in Python, SQL, and advanced AI techniques, with a passion for leveraging AI and Data Science to optimize processes.

SPECIALIZED SKILLS

- **Languages/Coding:** Python (Scikit-learn, TensorFlow, PyTorch), LangChain, SQL (Advanced), Pyspark, R, Java
- **Tools:** Power BI (Advanced), Tableau, AWS (SageMaker, EC2, S3), Git, Linux, Django, Microsoft SQL Server
- **AI/ML Techniques:** Machine Learning, NLP, Generative AI, RAG, Data Analysis, Statistics, A/B Testing
- **Spoken Languages:** Portuguese, English, Spanish

EXPERIENCE

- Gen AI & Process Automation Consultant, Rady School of Management*, United States 01/2025 - Present
- Research and develop AI-driven automation solutions using LLMs, LangChain, RAG, and APIs creating custom agents, data validation pipelines, and workflow automation for curriculum integration.
- Data Scientist Consultant, Mazda North American Operations*, California, United States 03/2024 - 06/2024
- Led a team leveraging A/B testing and advanced statistical analyses (ANOVA, T-tests, Hypothesis Testing) to evaluate marketing initiatives impact on customer loyalty and dealership performance with 90% confidence.
  - Engineered and deployed a predictive machine learning pipeline using Python, leveraging regression analysis, identifying 4 significant key drivers positively impacting customer loyalty, driving actionable business insights.
  - Delivered insights on investment strategies, returns, and used visualizations to outline results to stakeholders.
- Data Analyst Consultant, Transportes Metropolitanos de Lisboa*, Lisbon, Portugal 09/2022 - 06/2023
- Built dynamic Power BI dashboards with DAX for measures and Power Query for data wrangling, integrated into a Django web application, achieving 85% satisfaction by visualizing Lisbon metropolitan transport data.
  - Conducted comprehensive ETL processes to clean, transform, and structure data from 80+ tables, creating 20+ interactive, data-driven dashboards to facilitate stakeholder decision-making, insights and public transparency.
- Software/Analytics Developer, Fapil – Indústria S.A.*, Lisbon, Portugal 02/2022 - 09/2022
- Automated workforce analytics by developing SQL queries and Power BI dashboards to analyze productivity trends, uncovering inefficiencies and driving a 20% efficiency improvement through staffing optimization.

EDUCATION

- Master of Science, Business Analytics* 12/2024  
University of California, San Diego, CA GPA: 3.9
- **Relevant Courses:** Web Mining & Recommender Systems, Analyzing Unstructured Data, Scalable Analytics.
- Bachelor, Information Technology Management* 06/2023  
Lusófona University - University Center of Lisbon, Portugal GPA: 3.7
- **Relevant Courses:** Data Mining, Artificial Intelligence, Decision Support Systems, Databases, Algorithms and Data Structures, Cloud Information Systems, Software Engineering, Requirements and Test Engineering.

PROJECTS

- Supply Chain Automation*, University of California, San Diego 02/2025
- Built LLM-powered chatbot with LangChain + RAG, integrating vectorized semantic retrieval for supply chain optimization and automation, generated automatic reports and reduced 80% of the tasks.
  - Achieved 2% MAPE in demand forecasting using Prophet, surpassing LSTM across 5 datacenters.

PROFESSIONAL AFFILIATIONS & LEADERSHIP

- **Graduate Teaching Assistant, University of California – San Diego:** Assisted in the Business Analytics class execution, conducted office hours, answered student’s questions on piazza and graded 100+ exams.
- **TecWeb Event Organizer:** Oversaw the planning, coordination, and execution of 10+ events within a week.