

MARTIM TEIXEIRA

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 [Portfolio](#) |
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SUMMARY

Data Scientist specialized in leveraging advanced machine learning and statistical analysis to deliver data-driven solutions. Skilled in engineering predictive model pipelines, A/B testing, agile methodologies, and visualizations. Proficient in Python, SQL, and Power BI, with a proven ability to transform raw data into impactful solutions.

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, Big Data Tech SQL and ETL, Customer Analytics, 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.

SPECIALIZED SKILLS

- Languages/Coding:** Python (Advanced), SQL (Advanced), Pyspark, R, HTML, CSS, JavaScript, Java
- Tools:** Microsoft SQL Server, Power BI (Advanced), Tableau, Django, Git, Linux, AWS, Agile Methodologies
- Analytics Techniques:** Machine Learning, NLP, Data Analysis, Data Mining, Statistics, A/B Testing, ETL
- Spoken Languages:** Portuguese, English, Spanish

EXPERIENCE

Data Scientist - Capstone, 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 - Capstone, 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.
- Enhanced interface with HTML, CSS, and JavaScript, improving user experience and engagement.

Software/Analytics Developer, Fapil – Indústria S.A., Lisbon, Portugal 02/2022 - 09/2022

- Automated workforce analytics by developing Power BI dashboards to analyze warehouse productivity trends, uncovering inefficiencies and driving a 20% efficiency improvement through optimized staffing decisions.
- Developed SQL queries, stored procedures, and database tables in MS SQL Server, managing integrations with ERP, Power BI, and web applications by developing automations and reducing process time by 75%.

PROJECTS

Credit Card Fraud Detection, University of California, San Diego 05/2024

- Developed an end-to-end fraud detection pipeline using LightGBM, with 67% fraud detection rate on out-of-time data, \$42M in estimated annual savings, outperforming Logistic Regression, Random Forest, and XGBoost.
- Analyzed 97,000+ transactions and engineered 3,625 features, using cross-validation for robustness.

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.