

MARTIM TEIXEIRA

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EDUCATION

Master of Science in Business Analytics, Rady School of Management 12/2024
University of California, San Diego, CA
GPA: 3.74 / 4.0

- Relevant Courses: Big Data Tech SQL and ETL, Web Mining & Recommender Systems, Analyzing Unstructured Data, Collecting and Analyzing Large Data, Business Analytics, Customer Analytics, Scalable Analytics

Bachelor, Information Technology Management, Lusófona University 06/2023
University Center of Lisbon, Lisbon, Portugal
GPA: 3.65 / 4.0

- Relevant Courses: Data Mining, Artificial Intelligence, Decision Support Systems, Databases, Algorithms and Data Structures

EXPERIENCE

Software Developer, Fapil – Indústria S.A., Venda do Pinheiro, Portugal 02/2022 - 09/2022
Portuguese company that develops, manufactures, and markets products for hygiene, cleaning, and home organization.

- Developed comprehensive Power BI dashboards for productivity and human resources analysis, and trained users, enabling data-driven decisions and optimizing queries in Microsoft SQL Server for increased work efficiency.
- Enhanced the company's proprietary platform/website with new features, improving user experience and operational functionality, resulting in a 75% reduction in process time.
- Executed back-end development in the company's Enterprise Resource Planning (ERP) system, leading to significantly improved and streamlined internal workflows and processes, which ultimately reduced task completion time by 80%.

PROJECTS

Movies Recommendation and Rating Prediction, Web Mining & Recommender Systems 12/2023
Rady School of Management – University of California, San Diego, CA

- Applied collaborative filtering techniques like Cosine Similarities, Non-negative Matrix Factorization (NMF), and Singular Value Decomposition (SVD), to predict user ratings, and recommend 10 personalized movies.
- Employed exploratory data analysis, feature extraction, and model evaluation with metrics like mean squared error (MSE), effectively recommending movies based on user preferences.

Mobility Dashboard, Transportes Metropolitanos de Lisboa, Final Course Project 06/2023
Lusófona University – University Center of Lisbon

- Pioneering university project recognized for applying advanced visualization and web development techniques to illuminate metropolitan transportation in Lisbon, featuring a Django website with dynamic, interactive visualizations.
- Conducted comprehensive Data Wrangling and ETL processes to refine transportation data, subsequently creating insightful Power BI dashboards for enhanced data analysis and interpretation.
- Established a centralized platform for stakeholders, facilitating informed decision-making and promoting public transparency regarding Lisbon's metropolitan transportation systems.

SPECIALIZED SKILLS

- **Languages/Coding:** HTML & CSS, JavaScript, Java, Python (Pandas, NumPy, Scikit-Learn), SQL, R, DAX
- **Operating Systems:** Microsoft Windows, MacOS
- **Tools:** Microsoft SQL Server, Microsoft Power BI, Tableau, Django, GitHub, PHC Management Software
- **Certifications:** Power BI for Professionals
- **Spoken Languages:** Portuguese, English, Spanish

PROFESSIONAL AFFILIATIONS & LEADERSHIP

- Volunteer: Data Science Salon Seattle 01/2024
- Member of Rady Data Analytics Club 2023 - 2024
- Member of TecWeb event – Managed preparation and assured detailed execution 2021 - 2023
- Volunteer: Community Dinners, Serve the City, Lisbon 2014