

Mauro Valotto Junior

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GitHub: <https://github.com/mvalottojunior/Portfolio>

Summary

Data Science professional with a background in healthcare and strong expertise in Python, SQL, and machine learning. Skilled in building predictive models and interactive dashboards. Completed multiple projects including a SpaceX Falcon 9 landing prediction capstone, stock market analysis dashboards, and movie data analytics. Seeking entry-level Data Analyst or Data Scientist roles to apply analytical and problem-solving skills to real-world business challenges.

Technical Skills

Programming: Python (NumPy, Pandas, Matplotlib, Scikit-learn, Plotly/Dash)
Databases: SQL (joins, subqueries, aggregation)
Machine Learning: Regression, classification, clustering, feature engineering
Visualization: Tableau, Power BI, Matplotlib, Plotly
Tools: GitHub, Excel, Jupyter, Notion

Projects

- ****Capstone – SpaceX Falcon 9 Landing Prediction****
 - Built classification models (Logistic Regression, KNN, SVM, Decision Tree) to predict Falcon 9 first stage landing success.
 - Achieved ~87% accuracy; visualized results with interactive dashboards (Plotly/Dash, Folium).
 - Collected and wrangled SpaceX API and web-scraped launch data.
- ****Stock Market Dashboard – Tesla vs. GameStop****
 - Collected and cleaned stock + revenue data (yfinance, web scraping).
 - Built interactive dashboards with Plotly/Dash.
 - Visualized relationships between stock performance and revenue.
- ****IMDb Top 1000 Movies Analysis****
 - Applied SQL and Python for exploratory data analysis.
 - Built visualizations on movie ratings, genres, and trends.
 - Extracted insights on popular actors, directors, and box office success.

Education

Southeastern University (SEU), FL – Data Science Certificate, 2025
Universidade Estadual de Londrina, Brazil – DDS, Dentistry
São Leopoldo Mandic, Brazil – Master's in Periodontics

Experience

- Registered Dental Hygienist – Florida
 - Managed patient data, treatment records, and digital health documentation.
 - Applied analytical precision and attention to detail in clinical decision-making.
 - Collaborated in a fast-paced healthcare environment, ensuring compliance and safety.