

Denny de Almeida Spinelli

Data Scientist

Contact

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About me

I am a data science enthusiast studying at Comunidade DS, where I participate in practical projects that simulate the everyday challenges of a data scientist. My focus includes exploratory data analysis, clustering, predictive algorithms, and more. I also study statistics, programming, databases, and business to have a solid foundation for solving business problems.

Leading the "Dados Inglórios" group in a Hackday was a personal milestone. We delivered a machine learning model in just two days, achieving over 80% accuracy, and I was able to contribute to the development of colleagues new to the data field. I believe in an incremental and cyclical approach to solving business problems, prioritizing quick delivery without compromising quality and theoretical foundations.

I have experience in creating SQL-based dashboards and management reports, focusing on sales, margins, inventory, and productivity. My goal is to work as a data scientist, applying data exploration, statistical analysis, machine learning models, and other software development tools. My background as a Business Intelligence consultant and Industrial Cost Analyst has helped me develop communication skills and work with internal and external clients.

Professional Experience

Modine do Brasil — Cost Analyst, 05/2019 – 04/2022

- Industrial cost management in the SAP system.
- Development and maintenance of analytical reports for decision-making by directors and management.
- Sample reports: sales margins, inventory management, cost reduction and evolution.

Modine do Brasil — Junior SQL Programmer, 06/2016 – 04/2019

- Migration of the Business Intelligence Data Warehouse from the legacy ERP system (BRAIN) to SAP.
- Redesign of dashboards and cockpit for the new ERP.

Dosoft Consultoria — Business Intelligence Consultant, 04/2013 – 06/2016

- Development, update, and maintenance of dashboards and cockpits in the BI system. Two major projects included:
 - Real-time physical inventory monitoring to mitigate process invalidation probability.
 - Slow-moving dashboard, ensuring proper provision of slow-moving and obsolete inventory, supporting management decisions regarding scrapping and promotions to maintain inventory and cash flow health.

Runner Revolution — Junior Web Programmer, 01/2012 – 12/2012

- Website creation with order management and invoice generation for a delivery and sales company.
- Transcription of the company's system into a web version.

Education

Comunidade DS — Data Science, 02/2021 - present

- Development of data science skills. The course covers concepts, fundamentals, and practices not only to create a machine learning model but also to solve business problems through data manipulation, statistical application, insights generation, algorithm modeling if necessary, and deployment of solutions in production environments.

IBM — Exploratory Data Analysis for Machine Learning, 11/2020 - 12/2020

- Data loading from various sources, including structured and unstructured databases, descriptive data analysis, graphs and histograms, data handling such as null values, conversions, and outliers.

IGTI — Bootcamp Cientista de Dados, 09/2020 - 11/2020

- Concepts of big data, machine learning, data mining, data science, and BI. Creation of dashboards using Power BI. ETL processes with APIs, structured and unstructured databases, and processing in MongoDB. Additionally, Hadoop, MapReduce, and Hive for large-scale data processing.

IGTI — Bootcamp Analista de Machine Learning, 07/2020 - 09/2020

- Exploratory analysis with Python. Data preparation for supervised ML models (linear and logistic regression, SVM, decision trees, KNN, etc.), unsupervised models (artificial neural networks, k-means, etc.). Model evaluation metrics and confusion matrix.

Universidade Estácio UniRadial, 02/2009 - 12/2012

- Degree in Systems Analysis and Development

Technical Skills

Database

- SQL
- MySQL
- MongoDB
- PostgreSQL
- SQLite

Data Analysis

- Python
- Pandas
- NumPy
- Matplotlib
- Seaborn
- SciPy
- Plotly

Data Preparation and Modeling

- Scikit-learn
- Scikit-optimize

Deployment

- Flask
- Streamlit
- Heroku
- AWS
- GCP

CRISP-DM

Integration Services

Excel

Anaconda

Hadoop

Java

Linux

Languages

Portuguese — Native

English — Advanced

French — Basic

Japanese — Basic