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<https://rmarques0.github.io/>

Summary

I am an accomplished Data Scientist and Data Engineer with a passion for delivering valuable insights through analytical functions and data retrieval methods. I am currently pursuing a Masters degree in Data Science, Data Mining and Knowledge Discovery. My ultimate goal is to help companies advance by developing strategic plans based on predictive modeling and findings.

I bring a proven track record of analyzing complex data sets and serving as a strong advisor. I am curious by nature and always excited to tackle "unsolvable problems" with an out-of-the-box thinking approach. My love for learning and adapting keeps me evolving in the field of Data Science.

My skills include Data Science, Data Engineering, Business Intelligence, Data Analytics, AWS, Power BI, SQL, Python, DAX, Machine Learning, ETL, Snowflake, DBT, GIT, among others. Fluent in English and Portuguese, and conversational in Spanish and French. I am also a team player and possess strong communication and problem-solving skills. I am motivated to make a positive impact in the world through the power of data and technology.

Experience



Data Scientist

Pistil Data

Jul 2021 - Present (1 year 7 months)

Pistil is at the forefront of the cannabis industry, providing cutting-edge market intelligence technology to sales teams of all sizes.

Responsibilities:

- * Develop and maintain high-quality code for data science projects.
- * Support the customer support and business teams with technical expertise.
- * Meet deadlines and deliver high-quality deliverables.
- * Collaborate with cross-functional teams to integrate and productionize data science deliverables.
- * Ensure scalability and performance of data science solutions in a cloud-based environment.

Tools and Technologies:

SQL, Python, Pandas, Scikit Learn, Scipy, Seaborn, SQLAlchemy, df2gsread, Plotly, Matplotlib, Git, Azure data studio, GSuite, Hubspot.

Contributions:

- * Implemented advanced data analysis techniques, resulting in improved platform performance.
- * Developed new features to meet the evolving needs of customers, resulting in increased user engagement and satisfaction.
- * Streamlined the data science workflow by implementing automation and improving efficiency.
- * Provided valuable insights and analysis to the business team, contributing to an increase in sales and revenue.

* Demonstrated strong technical expertise and a proactive approach in collaborating with cross-functional teams.

Data Science Engineer

CloudX Software Development

Feb 2022 - Present (1 year)

Cloud(x) is a leading software development firm, building AI and cloud solutions at the forefront of modern technology.

Worked as a consultant at Symend Canada, a company that generates deep customer insights using a trifecta of behavioral science, data science, and advanced analytics to empower customers to resolve past due bills before they reach collections.

Responsibilities:

- * Collaborate with cross-functional teams to ensure data resources meet requirements
- * Develop and automate data pipelines using best practices
- * Research and implement new technologies to improve data engineering processes
- * Work closely with data scientists to support the data science life cycle
- * Develop data engineering tools and libraries for testing, QA, and scaling
- * Partner with analytics platform team to understand data structures and requirements
- * Communicate ideas, requirements and challenges to team lead and product managers

Tools and Technologies:

- * Python, SQL, Snowflake, DBT, Databricks, Spark, Azure Data Factory, Looker

Contributions:

- * Developed data ingest, propagation and transformation code for Symend Canada, improving performance and user engagement
- * Implemented advanced data engineering techniques to improve pipeline performance
- * Developed innovative features to meet evolving customer needs
- * Streamlined data engineering workflow through automation
- * Provided valuable insights and analysis to the business team, resulting in increased sales and revenue
- * Demonstrated strong technical expertise and a proactive approach in collaborating with cross-functional teams.

Business Intelligence Consultant

wDISCOVER

Nov 2021 - Feb 2022 (4 months)

As a Business Intelligence Consultant at wDISCOVER, a company that specializes in creating innovative solutions using applications and indicators to improve company's control and decision making, I had the opportunity to work on a project for Ouro Verde which consisted of migrating their legacy system to AWS.

Responsibilities:

- * Assisted in the migration of Ouro Verde's legacy system to AWS, utilizing technologies such as Redshift, EMR, and Athena.
- * Collaborated with a team of experts to create innovative solutions using applications and indicators to improve company's control and decision making.

- * Ensured the best use and performance of BI tools such as Qlik, Tableau, and Power BI by working with a team of trained and certified professionals.

AWS technologies used:

- * Redshift, EMR, Athena, Batch, Step Functions, Elastic Container Registry, S3, EC2, CloudWatch

Contributions:

- * Made valuable contributions to the successful migration of Ouro Verde's legacy system to AWS, resulting in improved scalability and efficiency.
- * Implemented innovative solutions that improved company's control and decision making process.
- * Worked with a team of experts to ensure the best use and performance of BI tools, resulting in more effective data analysis and decision making.



Data Science & Business Intelligence Analyst

TKSolution

Aug 2020 - Jul 2021 (1 year)

As a Data Science & Business Intelligence Analyst at TKSolution, a technology hub for the home decor and furniture retailer Tok & Stok, I played a vital role in driving intelligence, strategy, innovation, and valuable solutions through data analysis and visualization.

Responsibilities:

- * Developed and implemented data-driven solutions to address business challenges and drive intelligence, strategy, and innovation
- * Utilized a combination of ETL, data analysis, and data visualization to produce robust and efficient outputs for specific briefs or problems
- * Created intelligent cubes and managerial reports using technologies such as Power BI and Reporting Services
- * Worked with a variety of data sources including Oracle, Snowflake, APIs, and DBT to perform data ingestion and manipulation
- * Utilized SQL, PL/SQL, Python, DAX, and M to manipulate complex data and answer specific business needs

Tools and Technologies:

Power BI, DBT, SSMS, SSAS, SSRS, Git, Oracle, Snowflake, Gsuite, Jira, Confluence, AWS (Glue, S3, Database Migration Service, Cloudwatch)

Contributions:

- * Successfully translated non-data requests into analytical or reporting outputs that answered specific business questions
- * Improved data management and manipulation capabilities through the use of advanced technologies such as Oracle and Snowflake
- * Demonstrated the ability to manage projects in an ambiguous environment and effectively drive change and overcome obstacles and resistance.



Electrical Engineering - Load & Power Flow Forecasting

Grupo Energisa

Dec 2018 - Dec 2019 (1 year 1 month)

Data & Analytics centered experience as the main responsible to conduct the analysis and forecast for electrical load and power flow for the State of Tocantins.

As results of this journey:

- * Achieved a significant reduction of man-working time needed due to implemented automation and standardization of power load data;
- * Improved insights generation and decision making with meaningful visualizations for the behavior of the power grid, in Power BI;
- * I carried out dozens of studies to forecast the annual behavior of Tocantins electrical system up to the year 2035.



English Language Instructor

Minds English School | Oficial

Mar 2016 - Dec 2018 (2 years 10 months)

As an English Language Instructor at Minds English School, a leading language education institution in Palmas, Tocantins, Brazil, I was dedicated to delivering high-quality language instruction to hundreds of students. My role included guiding students through their learning process and providing support to help them achieve fluency in the English language in as little as 18 months.

Responsibilities:

- * Delivered engaging and effective English language instruction to students of all levels
- * Developed and implemented lesson plans and curriculum
- * Provided individualized support and guidance to students
- * Encouraged teacher excellence through regular in-class debates and a structured feedback culture

Contribution:

- * Accelerated students' dream of achieving fluency in a new language to about 18 months
- * Encouraged teachers to strive for excellence in class, with debates and the implementation of a structured feedback culture.
- * Improved the overall learning experience for students by providing individualized support and guidance.



Summer Internship in Lean Six Sigma

University of Tennessee, Knoxville

Jun 2015 - Jul 2015 (2 months)

As an intern for the University of Tennessee's Lean Six Sigma program, I had the opportunity to work with Comercial Vehicle Group Ltda (CVG), a leading manufacturer in the commercial vehicle industry. During my time at CVG, I was responsible for analyzing the company's database and improving process flow in the testing laboratory. Through my efforts, CVG was able to achieve significant improvements in efficiency and process management.

Responsibilities:

- * Analyzed and improving process flow in CVG's testing laboratory
- * Identified and mitigating rework and inefficiencies
- * Maintained data integrity and standardization in the database

Contribution:

- * Reduced waiting time by 10.79% in the testing laboratory

- * Solved problems with management processes and mitigated rework
- * Optimized the micro-tasks of each process, resulting in improved efficiency and productivity.

Education



University of Buenos Aires

Master's degree, Data Science - Data Mining & Knowledge Discovery

Aug 2022 - Dec 2024



UNIMAIS - Faculdade Educamais

Master of Business Administration - MBA, Business Intelligence

2020 - 2021

Strategic Negotiation; Market research; Tools for Decision Making; Corporate Governance; Business Intelligence; Business Analytics; Operations and Process Management; Business Intelligence Projects; Leadership and People Management; Time Management; Storytelling; Economic Scenarios;



Eastern Washington University

Sandwich undergraduation, Electrical and Electronics Engineering

2014 - 2015

Awarded with exchange academic exchange program with duration of 18mo at Eastern Washington University, WA, United States. in USA and sponsored by CAPES/CNPq (Brazil) as a top student of Universidade Federal do Tocantins.

TECH 452 – Engineering Economics; EENG 209: Circuit Theory I; EENG 330: Microelectronics I; CEB 330 Digital Foundations; EENG 250: Digital Hardware; EENG 160 – Digital circuits; Dpt of Modern Languages and Literatures: French 101



UniCatólica – Centro Universitário Católica do Tocantins

Bachelor of Engineering - BE, Electrical, Electronics and Communications Engineering

2016 - 2019

Algorithms and Data Structures, Logic Circuits, Introduction to Material Sciences, Microelectronics I and II, Electrical Circuits I and II, Communication Principles, Solid Mechanics, Linear Signals and Systems, Electromagnetic Theory I and II, Transport Phenomena, Networks of Computers, Power Electronics, Data Communication Systems, Automation, Instrumentation and Control, Energy Conversion, Electromagnetic Waves, Safety Engineering, Analysis of Electrical Power Systems, Protection of Electrical Systems, Electrical Machines, Microprocessors, Power Generation Electricity, Substations, Electricity Transmission and Distribution, Building Electrical Installations, Electricity Quality.

Licenses & Certifications



C2 Proficient English - Standard English Test - EF Standard English Test (EF SET)



Lean Enterprise Systems Program - University of Tennessee, Knoxville



English Language Program - Eastern Washington University - English Language Inst.



Diagóstico do Sistema Elétrico de Alta Tensão - Grupo Energisa



Introduction to Data Science: Storytelling with data - LinkedIn
AdEMluZu7m3heclMy8TkPxHEH_GB



Business Analysis Foundations - IIBA
AXvIIX_O-fOS0oAL1bfoJmaUXVul || International Institute of Business Analysis



Power BI Data Modeling with DAX - LinkedIn
Certificate Id: AY6yVxNbnXIVexv1KahXP0P_ba2a



Python for Data Science and Machine Learning Bootcamp - Udemy
UC-23cd8297-6c2f-40e7-8d7a-dd43de46b7ed



SQL: Data Reporting and Analysis - LinkedIn



Deploying Scalable Machine Learning for Data Science - LinkedIn



Unified Data Analytics Essentials - Databricks
34627410



Snowflake - The Complete Masterclass - Udemy
UC-0bf7d0c3-9d1f-4397-b9ea-9e0b69eb9509



DBT Fundamentals - dbt Labs
c41afb0a-7818-4083-ab3e-9b01c547b9fa#gs.tlpo2x



End-to-end machine learning operations (MLOps) with Azure Machine Learning - Microsoft

Skills

Data Science • Business Intelligence (BI) • Extract, Transform, Load (ETL) • Machine Learning • Electrical Engineering • Statistics • Data Analysis • Data Visualization • Analytics • Business analytics