



ALEXANDRE MACHADO DA SILVA NETO

DATA SCIENTIST

I AM A BUSINESS ADMINISTRATOR IN CAREER TRANSITION, I HAVE EXPERIENCE IN DESCRIPTIVE STATISTICS, ANALYSIS, DATA CLEANING AND MANIPULATION, PERFORMING INFERENCES AND INSIGHTS. I HAVE EXPERIENCE WITH INDICATORS AND METRICS. I HAVE A SELF-TAUGHT PROFILE, RATIONAL, OPEN TO CHANGE.

CONTACT



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GITHUB.COM/ALEXANDRESM

EDUCATION

2022 - SQL PROCEDURES: EXECUTING CODE IN MYSQL - ALURA

2022 - DATA ANALYTICS BOOTCAMP IRON HACK

2022 - PYTHON FOR DATA SCIENCE ALURA

2022 - BI AND DATA WAREHOUSE WITH SQL SERVER AND POWER BI - ALURA

2021 - AGIL MANAGER - ALURA

2022 - SCRUM MASTER PSM1 - SCRUM.ORG

2013 - CHEMICAL ENGINEERING (INCOMPLETE) - UNESC

2007-BUSINESS ADMINISTRATION - FASC

SKILLS

PYTHON (MAIN LIBRARIES: PANDAS, NUMPY, SCIKIT-LEARN, SEABORN, BEAUTIFULSOUP AND SQLALCHEMY)

SQL (MYSQL, SQL SERVER)

POWER BI (POWER QUERY, DASHBOARD, INTEGRATION WITH PYTHON AND SQL)

TABLEAU

EXCEL (DYNAMIC SPREADSHEET, MACROS AND VBA)

VISUAL STUDIO (DW, OLAPS)

LANGUAGES

ENGLISH (ADVANCED)

SPANISH (INTERMEDIATE)

PORTFOLIO

- DEMAND PREDICTIVE MODEL FOR A CHAIN OF STORES FOR THE 20 BEST-SELLING PRODUCTS WITH DEEP LEARNING: [HTTPS://GITHUB.COM/ALEXANDREMSN/DEMAND](https://github.com/ALEXANDREMSN/DEMAND)
- PRICING MODEL WITH LINEAR REGRESSION: [HTTPS://GITHUB.COM/ALEXANDREMSN/RICKS_DIAMONDS](https://github.com/ALEXANDREMSN/RICKS_DIAMONDS)
- USE OF AN API FOR QUERYING DATA, EXPORTING DATA TO A MYSQL DATABASE AND CREATING A DASHBOARD [HTTPS://GITHUB.COM/ALEXANDREMSN/API_GAMES](https://github.com/ALEXANDREMSN/API_GAMES)
- DATA SCIENCE CHALLENGE, COMPLETE WITH CLEANING, EXPLORATORY ANALYSIS AND BUILDING A PREDICTIVE MODEL FOR CHURN [HTTPS://GITHUB.COM/ALEXANDREMSN/CHALLENGE_ALURA_DATA_SCIENCE](https://github.com/ALEXANDREMSN/CHALLENGE_ALURA_DATA_SCIENCE)

PROFISSIONAL EXPERIENCE

2022-CURRENT

FREELANCE

Data Analyst

IMMERSIVE LEARNING WITH OVER 400H OF DATA ANALYTICS COURSES

- TECHNOLOGIES: MYSQL , PYTHON(SKLEARN , PANDAS, NUMPY, MATPLOTLIB, SEABORN, REGEX, SELENIUM, BEAUTIFULSOUP, SCIPY, KERAS), TABLEAU
- I LEARNED: DATA CLEANING AND MANIPULATION, DATA MINING (APIS, WEB SCRAPING) DATAVIZ, DATA PIPELINES, DESCRIPTIVE STATISTICS, BUSINESS INTELLIGENCE, SUPERVISED AND UNSUPERVISED MACHINE LEARNING MODELS, CLUSTERING, DEEP LEARNING AND NEURAL NETWORKS. DEVELOPMENT OF 7 PROJECTS, THE MOST RELEVANT ONES ARE AVAILABLE ON MY GITHUB

2018-CURRENT

CRECISP

Compliance Analyst

VISITS TO PARTNER COMPANIES TO CHECK DOCUMENTATION AND ISSUE AN OPINION ON ADHERENCE TO STANDARDS.

ADVISING ON NECESSARY ADJUSTMENTS AND GOOD PRACTICES.

2015-2018

SEMAE

Administrative Assistant

CREATION OF A BOARD DASHBOARD AND IMPLEMENTATION OF METRICS TO MONITOR FULFILLMENT OF SERVICE ORDERS

CONDUCTING QUERIES IN MYSQL AS A DATA SOURCE FOR DASHBOARD AND REPORTS.

DEVELOPMENT OF STATISTICAL ANALYSIS OF CONSUMPTION DEVIATION AIMED AT FRAUD PREVENTION