Guido Prado

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As a highly motivated, resilient, and adaptable individual, I am passionate about working with data. My goal is to use my analytical and visualization skills to address challenges, discover insights, and make data-driven decisions. I am enthusiastic about learning from seasoned professionals and embracing new opportunities.

EDUCATION

University of Illinois Chicago | Chicago, IL   Jan 2023 - May 2024
Master of Science in Business Analytics   GPA: 3.76
Relevant Coursework: Adv. Database Mgmt, Data Visualization, Data Mining, ML, Analytics for Big Data, Stats. for Mgmt

San Jose State University | San Jose, CA   Jan 2017 - May 2021
Bachelor of Science in Industrial and Systems Engineering   GPA: 3.21
Relevant Coursework: Operations Planning and Control, Systems Simulation, Operation Research, Supply Chain Engineering

EXPERIENCE

Teaching Assistant for Operations Management   Chicago, Illinois
University of Illinois Chicago   Jan 2023 - Present

Business Intelligence Analyst   Remote
Americanas SA, a large Brazilian retailer   Nov 2022 – Feb 2023
- Created an extensive dashboard on Power BI to visualize current supply chain demand, effectively identifying primary bottlenecks and anomalies, as well as showing the short-term demand forecast.
- Worked on a project to streamline data access in the supply department, from Excel documents to structured databases easily accessible on Google Cloud Platform (GCP), enhancing the ease of manipulation, retrieval, and utilization in various visualization tools.
- Collaborated in transitioning primary data visualizations from Power BI to Google Data Studio.

Supply Business Analyst   Remote
Americanas SA, a large Brazilian retailer   Sep 2021 – Oct 2022
- Led bi-weekly cross-functional meetings with supply team managers, pointing out inefficiencies and gathering solutions.
- Forecasted supply for major seasonal events such as Christmas, Black Friday, and Easter, ensuring optimal inventory levels.
- Designed and implemented 2 comprehensive dashboards on Power BI, utilized by the supply team, to streamline shipping cost analysis.

SKILLS

Machine Learning: Regression, Classification, Neural Networks, Time Series, Clustering, KNN
Programming/DB: SQL, R, Python (Pandas, NumPy, Scikit-Learn, Matplotlib), Spark, Hadoop, Big Query
Analytical Tools: Tableau, Power BI, Google Data Studio (Looker), R studio, Collab/Anaconda, Minitab, MS Office, Google Workspace
Fluent Languages: English and Portuguese

PROJECTS

Data Visualization for Airline Performance Comparison Model (Tableau, Python, ML Models, Excel)   Aug 2023 – Dec 2023
- Evaluated Random Forest and KNN models to predict flight delays using a US airlines dataset with 1M data points and 20 attributes.
- Created a visual storyboard to analyze flight delays for Southwest Airlines, intuitively pointing out the main anomalies.

Anomaly Detection in Time Series Sensor Data (Python, ML Models)   Aug 2023 – Dec 2023
- Utilized statistical and machine learning techniques to analyze over 220,000 data points from 52 sensors on an industrial water pump.
- Tested 5 ML models and enhanced predictive maintenance in manufacturing by implementing a Multivariate Gaussian Distribution model, achieving high accuracy and efficiency in anomaly detection.

Movie Recommendation System Using Spark (Python, Spark, SQL, Filtering Models)   Aug 2023 – Dec 2023
- Developed a sophisticated movie recommendation system using Apache Spark, integrating collaborative (ALS), content, and demographic filtering techniques to handle over 1 million movie ratings, user data, and movie metadata for personalized suggestions.

Carpet Analytics and Sales Optimization Project (R, ML Models)   Jan 2023 – May 2023
- Tested 4 ML models to optimize Carped sales strategies, with the goal of converting old customers to new again. A Carpet sales database was used with over 5,800 instances and variables, with Random Forest having the highest accuracy among the models tested.

EXTRACURRICULAR

Creation of SJSU first Junior Enterprise: Nova Junior Enterprise at SJSU   Aug 2018 – Nov 2019
- Collaborated with an initial team of two other students to provide consultancy services to the Ideas Laboratory on campus.
- Contributed to 4 distinct projects, gaining hands-on experience, and refining entrepreneurial, problem-solving, and managerial skills.

CommUniverCity Volunteer Project   Aug 2019 – Dec 2019
- Volunteered in an initiative between SJSU and the city of San Jose, dedicated to promoting STEM education in local communities.

CERTIFICATIONS

Business Analytics Course by ASN Rocks   Aug 2022 – Nov 2022

Six Sigma Yellow Belt by Evox   Mar 2022