Yovanny Moscoso

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Professional Summary

Detail-oriented Computer Science graduate from Rutgers University, proficient in Python, SQL, and Excel for data analysis and visualization. Quick learner with hands-on experience in developing machine learning models and analyzing trends. Eager to apply strong analytical skills to deliver actionable insights and drive continuous improvement.

Education

Rutgers University, New Brunswick, NJ
Bachelor of Science in Computer Science
GPA: 3.3 | Graduation Date: Aug 2024

Standford University - Machine Learning Specialization (In Progress)
Expected Completion Date: November 2024

Experience

Middlesex College, Edison, NJ (Credential Support Specialist) - *Feb 2023 – Present*
- Analyzed student records to identify trends, improving graduation rates through data-driven recommendations.
- Created advisories that increased student enrollment and reduced delays in graduation timelines.
- Monitored engagement metrics to optimize registration processes and enhance the student experience.

Amazon DSP, Wilmington, DE (Area Manager Internship) - *May 2023 - July 2023*
- Led a project during my internship to reduce package misplacements by implementing a container placement method, ensuring items were organized for easy retrieval, which improved accuracy and operational efficiency.
- Monitored performance metrics for 70 to 90 employees, effectively utilizing time management skills to provide support and optimize team performance.
- Successfully reduced package misplacements by 50%, significantly improving workflow and demonstrating strong problem-solving abilities.

Projects

Inventory Management System (Oracle SQL)
- Developed a relational database for inventory management using Oracle SQL, creating tables and establishing entity relationships.
- Designed an Entity-Relationship Diagram (ERD) to visualize the database structure and enhance organization.
- Executed SQL queries to customize data views and streamline inventory operations.

Home Price Prediction
- Built a linear regression model to predict home prices based on key features, improving forecasting accuracy.
- Preprocessed and cleaned data to enhance model performance and reliability.
- Visualized results using Python libraries to support data-driven decision-making.

Skills

Data & Analytics Skills
- Data Analysis & Visualization
- Machine Learning (Familiar)
- Linear & Logistics Regression models.
- Data Cleaning

Technical Tools
- Python, SQL (MySQL, Oracle)
- Excel (Pivot Tables)
- Matplotlib, Tableau
- Git, GitHub

Soft Skills
- Problem Solving
- Time Management
- Communication
- Leadership

Website

- https://yovannymoscoso.github.io/YoavnnyMoscoso