Jeremy Sloan

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CAREER OBJECTIVE

Recent graduate with a strong background in statistics, machine learning, and data analysis. Proficient in Python, R, and SQL, with a proven track record of delivering actionable insights and solutions to complex business problems. Seeking a challenging role in a dynamic organization where I can leverage my skills and experience to drive business growth.

EDUCATION

University of North Carolina at Charlotte   **August 2021 - May 2023**
Bachelor of Science, Data Science

TECHNICAL SKILLS

Python • R • SAS • SQL • MySQL • Java • Plotly • Seaborn • MatPlotLib • Tableau • Scikit-Learn • Hypothesis Testing • Predictive Analytics • Prescriptive Analytics • Machine Learning • Linear and Logistic Regression • Decision trees • Random Forests • Neural Networks • Clustering Algorithms • Collaboration • Agile Project Management

ACADEMIC PROJECTS (Portfolio Website: Jeremy-Sloan.com)

Increasing Educational Attainment through Federal Pell Grant Funding   **January 2023 - May 2023**
Tools Used: Python, MS Excel, Scikit-Learn, Plotly, MatPlotLib
- Completed a project on the analysis of U.S. university graduation rates based on federal Pell Grant funding.
- Collected and cleaned a data from the 2012 Integrated Postsecondary Education Data System.
- Conducted exploratory data analysis to identify trends and patterns in the data.
- Built and evaluated machine learning models to predict graduation rates based on Pell Grant award size with an accuracy of 80%.

Predicting the Success of Terrorist Attacks in The United States   **October 2022 - December 2022**
Tools Used: Python, MS Excel, Scikit-Learn, Plotly, MatPlotLib
- Leveraged Python and Excel tools to gather and manipulate important features and relevant data from the Global Terrorism Database.
- Create visualizations using Seaborn and Plotly libraries to gain a high-level understanding of the dataset**.**
- Optimize hyperparameters of models using grid search.
- Implement machine learning models (Decision Tree, Support Vector Machine, Neural Network) from the Scikit-Learn library to predict if a given terrorist attack will be successful, resulting in 92% accuracy.

PROFESSIONAL EXPERIENCE

Walgreens – *Shift Manager;* Stallings, North Carolina   **August 2017 – August 2021**
- Responsible for supervising and managing the daily operations of the store during their assigned shift, ensuring high levels of customer satisfaction and performance, including inventory management, and cash handling.
- Designed and implemented an innovative inventory management system, resulting in a 25% reduction of overhand inventory.
- Train and develop team members on company policies, procedures, and customer service skills.
- Collaborate with other shift managers and store management to ensure seamless store operations.
- Monitor store performance and take corrective action as needed to achieve sales and profit goals

AccuTech Surveying & Mapping – *Land Surveyor;* Concord, North Carolina   **June 2015 – August 2017**
- Verify the accuracy of survey data, including measurements and calculations conducted at survey sites.
- Establish legal boundaries for sites based on legal deeds and titles.
- Coordinate findings with the work of engineering and architectural personnel, clients, and others.
- Establish fixed points for use in making maps, using geodetic and engineering instruments.