BRYAN TALAVERA

DATA SCIENTIST

CONTACT

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San Diego, California

Portfolio
Tableau
LinkedIn

EDUCATION

2024

GOOGLE CAREER CERTIFICATE

- Advanced Data Analytics

2024

UC SAN DIEGO

- B.S. Data Science
- Minor in Cognitive Science

SKILLS

Programming Languages:

- Python, JavaScript, HTML/CSS, SQL

Python Packages:

- numpy, Pandas, Scipy, seaborn, Matplotlib, statsmodels, scikit-learn

Machine Learning Models:

- regression (linear, logistic), Naive Bayes, decision trees, random forest, AdaBoost, XGBoost
- Tableau
- Data Visualization

LANGUAGES

English (Fluent)
Spanish (Intermediate)

PROFILE

Recent Data Science graduate with hands-on experience in Python, data visualization, and statistical analysis through academic, capstone, and certification projects. As part of the Google Advanced Data Analytics Certification, I developed predictive models, including regression and decision tree-based solutions, to address real-world challenges such as employee turnover analysis for HR departments and fare prediction for the New York Taxi & Limousine Commission. Proficient in data cleaning, integration, and visualization, with a strong foundation in programming, machine learning, and database management. Passionate about continuous learning, collaboration, and applying innovative solutions to complex data challenges. Fluent in English and conversational in Spanish.

PROJECTS

Data Analytics Projects

2024

- Taxi Fare Prediction:
  - Developed regression and tree-based models to predict taxi fares, contributing to a revenue optimization strategy for the New York Taxi and Limousine Commission and its drivers.
- Employee Turnover Analysis:
  - Designed tree-based models to predict employee turnover, delivering actionable insights to the HR department and identifying key factors driving attrition.

Med-Dash

UC San Diego Capstone Project 09/2023 - 03/2024

- Developed a personalized dashboard for visualizing and monitoring daily health metrics, enhancing patient-centered care by integrating data into diagnosis and treatment strategies
- Led data cleaning and visualization efforts to ensure accuracy and
- reliability
- Designed a user-friendly homepage interface.
- Managed Git version control, facilitating collaborative development and ensuring project tracking.