Garrett Arnett

Data Scientist

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A detail oriented and self-motivated business graduate with certified and proven Business Analyst skills. With a strong connection between theory and practice, able to leverage data science-related technologies and in any project-based, professional setting. Having always been fascinated by puzzles, coding is like a puzzle to me. Previously, I studied at Texas A&M University Corpus Christi and earned a Bachelors of Business Administration in Management along with a Minor in Finance. Eager to use my business knowledge to build a strong career as a Data Scientist.

TECHNICAL SKILLS

Python - SQL - Tableau - Matplotlib - MySQL - pandas - NumPy - Spark - Git - Applied Statistics - Machine Learning - Natural Language Processing - Data Storytelling

DATA SCIENCE PROJECTS

Over/Under: github.com   May-June 2023
Rather than relying on traditional team and individual performance statistics to predict the outcome of an NFL Over/Under Wager, this project established a more "natural-cause" basis for explaining and predicting the total points scored in an NFL contest. The models created during the collaboration project beat our baseline by 5%.
Environment: Pandas, Scikit-Learn, Regression Models, Matplotlib, Seaborn, Jupyter Notebook, SciPy, CatBoost, XGBoost, Machine Learning, Tableau

Predicting Customer Status: github.com   Mar 2023
This project used data to predict if a customer from a telecommunications company will leave the company. There is various data about the customer that I had to use to be able to create a predictive model. The models that I created were classification models, with the best model beating the baseline by 7%.
Environment: Pandas, Scikit-Learn, Regression Models, Clustering, Matplotlib, Seaborn, Jupyter Notebook

Predicting Fine Wine: github.com   Apr 2023
Collaboration project that undertook the task of uncovering what characteristics influence a wine's quality. We combined features, explored correlations, and compared them against a wine's rating to determine if it would be considered a high quality wine. Our model was able to beat the baseline and predict a wine's quality with an accuracy of 80%, beating the baseline by 7%.
Environment: Python, Pandas, Matplotlib, Seaborn, NumPy, Scipy, Scikit-Learn, Machine Learning

Zillow Project: github.com   Apr 2023
A project that focused on homes that were sold in southern California in 2017. The data was acquired from a SQL database, cleaned, and explored. Performed regression techniques, statistical tests to verify significance, and built a regression model. Final model beat the baseline by 31.1%.
Environment: Python, Pandas, Matplotlib, Seaborn, NumPy, Scipy, Scikit-Learn, Machine Learning

PROFESSIONAL EXPERIENCE

361 Blue Beach - Corpus Christi, TX
Beach Concierge   May 2022 - Sept 2022
- In the role of Beach Concierge, I worked in a fast-paced environment adapting quickly to a variety of client requests and concerns. Balanced multiple tasks and ensured they were completed within a set schedule. Worked collaboratively with colleagues, supervisors, and guests to provide excellent customer service while developing strong communication and collaboration skills.

RNetworks - D'Hanis, TX

Internet Installer   May 2018 - Aug 2018

- In this role, I was responsible for troubleshooting Wi-Fi networks and identifying issues using my analytical and critical thinking skills. I adapted quickly to new technology in the internet field and learned how to use new programs and machines. Worked closely with customers to understand their needs and explain technical concepts in a way that was easy for them to understand while providing excellent customer service.

EDUCATION

Codeup

Certification of Completion   Jan 2023 - June 2023

Fully-immersive, project-based 20-week career accelerator that provided me with 670+ hours of expert instruction in applied data science. Developed expertise across the full pipeline (planning, acquisition, preparation, exploration, modeling, storytelling), and become comfortable working with real, messy data to deliver actionable insights to diverse stakeholders.

Texas A&M Corpus Christi

Bachelor of Business Administration   Aug 2018 - Dec 2022

Completed four years of undergrad business studies focusing on management and finance.