Trenten Beram

845-625-4152 | trentenberam@gmail.com | Hartford, CT (Open to Relocation) | linkedin.com/in/trentenberam/

PROFESSIONAL PROFILE

Data Scientist in training, skilled in the entire Data Science workflow including: Data Extraction, Cleaning, Exploratory Analysis, Feature Engineering, and Machine Learning. A Math/Stats background and professional experience as a teacher has enhanced my ability to communicate to technical and business audiences and solve problems at different levels.

TECHNICAL SKILLS

Languages: Python (Pandas, NumPy, Scikit-Learn, PySpark, TensorFlow, Keras), SQL, Java
Data Collections: JSON, CSV, API, Web-scraping
Data Visualization: MatplotLib, Seaborn, Plotly
Statistical Analysis: Descriptive and Inferential Statistics, Regression, Hypothesis Testing
MachineLearning:
- Supervised Learning: Regression, RandomForest, GradientBoosting, WordVectorizer, SupportVectorMachine, Decision Trees
- Unsupervised Learning: Clustering, PCA, Feature Engineering, Natural Language Processing

EDUCATION AND CERTIFICATION

Data Science Fellow**:** *SpringBoard*   **2021 ~ Present**
- 600+ hours of hands-on course material, with 1:1 industry expert mentoring
- Became proficient in Data Science skills using Python and SQL: Data Analysis, Data Visualization, Feature Engineering, Statistical Concepts, and Machine Learning.

Bachelor of Arts, Mathematics and Statistics, University of Connecticut   **2014 ~ 2018**
Relevant Courses: Linear Algebra, Numerical Analysis, Mathematical Statistics, Probability, Statistical Analysis of Experiments, Statistical Design of Experiments

Certificates: Python, SQL, Data Manipulation, Data Analysis, Data Visualization, ML
https://github.com/trentenAB/Certificates

RELATED EXPERIENCE

Classification of Disaster Tweets   **2022**
https://github.com/trentenAB/SpringBoard/tree/main/DisasterTweets
- Utilized Jupyter Notebook and Python libraries such as Numpy, Pandas, and Scikit-Learn
- Performed Natural Language Processing with 10,000 tweets that may or may not have referenced a disaster.
- Implemented Feature Engineering and built predictive models using machine learning algorithms for classification such as Logistic Regression, Random Forests, and Support Vector Machine. to predict if the tweet referenced a real disaster.
- Developed visualizations to gather insight about the nature of the tweets using matplotlib and seaborn

Big Mountain Ski Resort Ticket Prices   **2021**
https://github.com/trentenAB/SpringBoard/tree/main/BigMountainSki
- Utilized Jupyter Notebook and Python libraries such as Numpy, Pandas, and Scikit-Learn
- Performed Exploratory Data analysis and Statistical Analysis for 250+ ski resorts
- Developed visualizations to compare features of the 250+ ski resorts, using matplotlib and seaborn.
- Built a predictive model using machine learning techniques to predict an appropriate ticket price for Big Mountain Ski Resort.

OTHER EXPERIENCE

Teacher: *C2 Education*   **2019 ~ Present**

- Prepares students for the Quantitative sections of the SAT and ACT exams.
- Directed 50+ students to increase their college exam scores by 33%
- Achieved top level college acceptances including Ivy League
- Taught: Pre-Algebra, Algebra1 & 2, Geometry, Trigonometry, Pre-calc, AP BC Calc, AP Stats
- Instructed up to 3 students at a time from different or same grade levels
- Hybrid sessions: Online and In-Person.