XANDER BENNETT

DATA SCIENCE & MACHINE LEARNING

CONTACT

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PROFILE

Highly skilled data scientist with 3+ years of experience performing in-depth analysis for financial and technology firms with specific expertise in machine learning and data visualization.

EDUCATION

2020
LAMBDA SCHOOL
Data Science Certificate

2018
UNIVERSITY OF UTAH
B.S. in Finance

MANAGEMENT SKILLS

- Project Management
- Atlassian, Trello, Git

TECHNICAL SKILLS

- **Supervised Learning** (Linear/Logistic Regression, Random Forest, XGBoost)
- **Unsupervised Learning** (K-Means Clustering, Nearest Neighbors)
- **Feature Engineering** (PCA, One-hot encoding, ordinal encoding)
- **Data Visualization** (Seaborn, matplotlib, plotly)
- Programming - **Python** (Pandas, numpy, sklearn, scipy, tensorflow), SQL
- Cloud Computing - **AWS, Hadoop**

EXPERIENCE

2019 - PRESENT
Data Science Project Lead | Lambda School

- Leading data science project teams to develop products and solutions leverage machine learning and **advanced statistical analysis**.
- Mentoring team members by **reviewing code** and providing feedback.
- Actively collaborating with web development, UX, and leadership teams to **deploy products**.

2018–2019
Data Analyst | Addepar

- Analyzed financial data pipeline; uncovering data transmission errors using Python, SQL, Linux command line, and querying a MongoDB.
- Served as point of contact on **complex data issues** for internal service teams
- Programmed a script that automated daily workflows, **reducing data reconciliation requirements by 30%.**

DATA SCIENCE PROJECTS

Spotify Playlist Generator | Website

- Built **production-level KNN machine learning model.**
- Constructed PostgreSQL database for further analysis.
- Deployed model using **AWS.**

Airbnb Optimizer | Website

- Performed **exploratory data analysis** to refine feature variable selection for machine learning.
- Built machine learning pipeline with Python classification algorithms, achieving highest **accuracy score of 90%.**
- Deployed **Flask API** to serve predictions to front-end engineers.

Predicting Which Drivers Get Tickets | Github

- Retrieved data from the city of San Diego's data portal
- Explored and visualized data to prep for machine learning
- Built a random forest machine learning pipeline, **improving accuracy score over baseline by 33%**