

# ALEXANDER BENNETT

DATA ANALYTICS & MACHINE LEARNING

## CONTACT

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## PROFILE

Senior data analyst skilled with in-depth analysis for financial and technology firms. Specific expertise in machine learning and data visualization.

## EDUCATION

2020  
AWS  
**Certified Cloud Practitioner**

2020  
Bloomtech  
**Data Science Certificate**

2018  
UNIVERSITY OF UTAH  
**B.S. in Finance**

## TECHNICAL SKILLS

- **Programming Skills:** Python, SQL
- **Business Intelligence:** Looker, Snowflake
- **Statistics:** Probability, Distribution, Hypothesis Testing, A/B Testing
- **Libraries:** Pandas, Numpy, Scipy, Scikit-Learn, Beautiful Soup, NLTK
- **Machine Learning:** Classification, Regression, Clustering, Time-Series Analysis

## EXPERIENCE

2020 - Present

### Senior Data Analyst | Addepar

- Collaborate with R&D and Product teams to **plan and visualize their product roadmap by building Looker environments with SQL and LOOKML using data tables from Snowflake**
- Evangelize Looker across all business units to help leadership plan and execute on realistic target milestones.
- Integrate user data from Heap through Addepar's data warehouse to **add critical user data to Looker for mass consumption**
- Spearheaded migration of periscope dashboards for data operations teams, ultimately uncovering SQL errors that **gained \$800,000 in revenue**

2019–2020

### Data Scientist | Bloomtech

- Replaced stale model with **productionized machine learning pipeline** for client while migrating backend services to **AWS**, improving app reliability and speed by **33%**
- **Mentored data science candidates** on machine learning projects

2018–2019

### Data Analyst | Addepar

- Analyzed financial data pipeline, uncovering custodial data errors using **Python, SQL, Linux command line, and querying a MongoDB**
- Verified daily data transmission for client firms totaling over **\$1 trillion in assets under management**

## DATA SCIENCE PROJECTS

### Spotify Playlist Generator | [Github](#)

- Built **production-level KNN machine learning model** with a dataset of **700,000** songs
- Migrated existing web app functions from Heroku to **AWS, leveraging Elastic Beanstalk, RDS, EC2, and S3**
- Launched docker image on AWS ECS, **improving performance by 33%**

### Who Will Click the Ad | [Github](#)

- Cleaned raw advertising data and **performed feature engineering**
- Uncovered bimodal distributions **using data visualizations**
- Built a logistic regression machine learning pipeline, **achieving overall accuracy of 96% and F1 score of 98%**