JARED BOOTH

DATA SCIENTIST

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in JaredZBooth
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Data Scientist with rigorous mathematical foundations and the ability to think logically and solve problems by viewing them from different angles.

Skills

PROGRAMMING

Python
R
Mathematica
AWS
SQL

PYTHON PACKAGES

Matplotlib
Seaborn
Selenium
BeautifulSoup
NumPy
pandas
Sklearn
keras

MACHINE LEARNING

Linear Regression
Random Forrest
Decision Trees
Supervised Learning
Unsupervised Learning
NLP
LSTM
CNN
Time Series
Logistic Regression
LDA
Word2Vec
Naive Bayes

Data Projects

Analyzing Real Estate Descriptions

- Used natural language processing to cluster real estate descriptions by topic
- Used BeautifulSoup and Selenium to scrape the data

Classification of Credit Card Defaults

- Used classification methods random forest, and logistic regression to identify if a credit card holder was going to default
- Created a cost function for false positives and negatives to optimize the model to be the most cost effective for the lender

Predicting MLB Player Salary

- Used linear regression to predict the salaries of baseball players

Visualizing MTA Subway Data

- Combined subway and census data to recommend the placement of canvassers around New York

Professional Experience

Data Scientist   Seattle, WA

Metis   Jan 2018 to Apr 2018

- Completed five data science projects during an accredited immersive program in data analytics and machine learning
- Used supervised and unsupervised machine learning techniques such as linear regression, classification, natural language processing, data scraping and data visualization

Asset/Property Management Intern   Seattle, WA

Goodman Real Estate   Jun 2014 to Sep 2014, Jun 2015 to Sep 2015

- Worked directly with an asset manager to update budgets
- Performed analysis on competing contractor bids
- Assigned projects and successfully performed according to plan
- Took task oriented work and improved processes to maximize efficiency
- Worked with the financial department updating information in Argus, and assisted in underwriting for potential acquisitions
- Applied education in Statistics to perform local market research and present to upper level management

Education

Western Washington University

B.S. Mathematics 2016

Activities

Lacrosse Coach · Defensive Coordinator   Feb 2017 to Current

- Assess players' strengths and weaknesses and implement training to address needs
- Produce and execute practice plans efficiently