

SKILLS

MACHINE LEARNING	Regression, Classification, Natural Language Processing, Cross Validation, Neural Networks, Deep Learning
PYTHON	Pandas, Numpy, Scikit-learn, Beautiful Soup, NLTK, Gensim, Keras
VISUALIZATION	Matplotlib, Seaborn, Tableau
DATA MANAGEMENT/CLOUD TOOLS	AWS, Git, Postgress

EXPERIENCE

July 2020 to Sept. 2020

Metis · Data Scientist · San Francisco, CA

Completed a 12-week immersive ACCET accredited data science bootcamp with a strong emphasis on statistical models, data visualizations, and machine learning techniques. Project highlights include:

NLP on the Marvel Cinematic Universe

- Performed Natural Language Processing techniques (TF-IDF, NMF) for topic modeling on movies in the Marvel Cinematic Universe to compare with Captain Marvel.
- Used Principle Component Analysis to visualize clusters on Tableau.
- Scraped the scripts of the movies using BeautifulSoup.

Predicting Apple App Popularity

- Evaluated a dataset of 7200 Apple apps from Kaggle to predict if an app will become popular with a Random Forest classifier model.
- Created an Streamlit app for iOS developers to test if their app can become popular.
- Built a visualization in Tableau to show outliers on the number of languages in an app.

Predicting Beer Rating

- Collected beer data from BeerAdvocate.com with BeautifulSoup.
- Built and optimized linear regression models to predict the average rating of a beer.

Jan. 2017 to Mar. 2020

U.S. Pharmacopeia · Production Coordinator · Rockville, MD

- Created and presented data visualizations and dashboards in Tableau Desktop on production output and trends for the management team.
- Developed and maintained multiple production inventory datasets for product development, investigations, and quality control testing to ensure that development cycles are on time.
- Analyzed production cycle to identify efficiencies for item production, resulting expedited development of a top-selling, backordered item while also maintaining product quality, thus mitigating any customer impact while preserving revenue stream. Received employee recognition award by the department director.
- Coordinated with the accounting department for month-end close by reconciling expense allocations in Oracle ERP.

Mar. 2015 to Jan. 2017

Customer Service Representative · Rockville, MD

- Resolved over 80 daily product inquiries from foreign and domestic clients.
- Received top departmental score for quality, service accuracy, and order fulfillment.
- Optimized account receivable procedures by creating new internal forms to efficiently batch wire transfers, thus reducing tracking and monitoring burden for international transfers.
- Instructed on-boarding employees on Drug Enforcement Agency (DEA) regulations for domestic and international controlled substance orders and export licensing.

EDUCATION

Jan. 2011 to May 2014
2014

University of Maryland, College Park
Bachelor of Arts Economics