Mark Dowicz

Data Scientist with a experience statistics and economics. My passion is communicating data driven solutions through my multi-faceted problem-solving skill set.

SKILLS

Python: Numpy, Pandas, Scikit-Learn, Matplotlib, Tensorflow

Machine Learning Techniques: Classification, Regression, NLP, Bagging, Clustering, Data Mining

SQL, Git, GitHub

EXPERIENCE

GENERAL ASSEMBLY

New York, NY
February 2021 -- May 2021

DATA SCIENCE IMMERSIVE

- Scraped, mined and gathered large datasets to clean and explore using SQL and various Python libraries.
- Created and deployed a NLP model trained on API data capable of classifying posts on Reddit with 80% accuracy.
- Used Machine Learning techniques in a small team to identify and regress medical data to predict future health care costs.
- Produced and presented 5 projects to technical and non-technical audiences.

THE WINDHAM GROUP

New York, NY
May 2017 -- February 2021

COMMODITY ANALYST

- Wrote 1,000+ daily market commentary reports on natural gas futures to industry participants using market trends and in-house models.
- Balanced and maintained the primary client's equity statement.
- Placed future and options trades on all commodities made by clients.
- Maintained and analyzed large amounts of data using Excel for future reports and consultation.

MELKONIAN CAPITAL MANAGEMENT

New York, NY
August 2016

DATA ANALYST INTERN

- Prepared and presented real estate comparable analysis on The Ritz Carlton, Grand Cayman to entire firm
- Directly assisted associates with fundamental and technical analysis of prospect companies.
- Led firm's corporate charity program.

EDUCATION & LICENSING

GENERAL ASSEMBLY

New York, NY
2021

DATA SCIENCE IMMERSIVE

Developed and sharpened Python skills to derive insights from large amounts of data. Trained and tested countless Machine Learning Models such as: KNN, SVM, Decision Trees, Random Forest, Neural Nets, and others, on various types of data. Learned how to tackle complex data problems and convey those results to an audience.

GETTYSBURG COLLEGE

Gettysburg, PA
2013 -- 2017

ECONOMICS MAJOR, BUSINESS MINOR

- Coursework included: Quantitative Method in Economics, Applied Finance, Money and FInancial Intermediaries, Advanced Topics in Macroeconomics, Investment Management, Calculus I and II