Noah Monastersky

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I provide a different viewpoint to find analytical and insightful solutions to complex problems using my background in data, consulting, and finance. I ask the tough questions to find solutions utilizing data models, and clear strategies to ensure all stakeholders have the information and tools they need to be successful.

SKILLS

Python, Git, Advanced Excel, SQL, Data Cleaning, Pandas, NumPy, Web Scraping, Hypothesis Testing, Regression and Classification Modeling, Natural Language Processing, SciKit-Learn, Neural Networks, Bayesian Statistics, Matplotlib/Seaborn Visualizations, Tableau.

WORK EXPERIENCE

Data Science Immersive Program   February 2019 – May 2019
General Assembly, Washington D.C.

- Studied data analysis and data visualization skills in a 500-hour immersive course.
- Conducted analysis of home prices in Ames, Iowa and what features most impact the price of a house at a 98 percent level.
- Applied Natural Language Processing to contrast two hit comedy shows by looking at reddit posts and identifying which show the post was talking about. Was able to successfully identify the posts at a 94 percent level.
- Analyzed the impact Hurricane Sandy had on wages for numerous cities on the Northeast coast using ARIMA model accounting for seasonality. Was able to conclude that wages were not significantly impacted by natural disasters.
- Created a credit card fraud detection model using random forest and Bayesian statistics which was able to predict all instances of fraud. Additionally created a widget to make live predictions.
- Completed 35 labs and 5 projects, leveraging data science best practices to solve real-world problems, using coding packages (Python, NumPy, SciPy, Pandas, SciKit-Learn, Git, SQL) and data visualization packages (Matplotlib, Tableau, Bokeh).

Consultant, Financial Analyst   March 2018 – March 2019
Booz Allen Hamilton, McLean VA.

- Interacted with program managers and clients to get over $7 million in invoices sent to our clients and got those invoices paid in a timely manner.
- Evaluated project's potential risks to help give leadership clearer understanding of project values.
- Conducted cash flow breakdowns for month end financial reporting, which were reported to Senior Associates.

EDUCATION

General Assembly, Washington D.C.,   February 2019 – May 2019
Data Science Immersive Student

University of Maryland, College Park, MD   September 2017 – December 2017

- Took additional Economics and Mathematics classes.

The University of Iowa, Iowa City, IA   August 2013 – May 2017
B.A. Economics

Cuba Study Abroad Program, Havana, Cuba   December 2016 – January 2017

- Researched and conducted analysis of the current impact of the embargo on Cuba during the first year Cuba was open to the United States.
- Presented my analysis on Cuba's recent economic development to my class as well as multiple departments at the University of Iowa.