

ABDULLAH HANIF

CONTACT

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New York, NY 10016

SKILLS

Languages/Tools

Git, Python (Beautiful Soup, nltk, NumPy, pandas, sci-kit learn), SQL, STATA, HTML, CSS, Dealogic, Bloomberg

Machine Learning

Regression, Classification, Clustering, Natural Language Processing, Web scraping

Data Management

Google Cloud, AWS, mongoDB, PostgreSQL

Visualization

matplotlib, seaborn, Bokeh, Plotly, Tableau

Certifications

Passed CFA Level III Exam

EXPERIENCE

Metis · New York, NY

Data Scientist

March 2020 - Present

- **Art Auction Pricing:** Scraped art auction data with Selenium and Beautiful Soup to forecast sale prices. Built and cross-validated linear regression model and applied regularization techniques to improve model performance
- **Game, Set, Match:** Applied classification algorithms to predict the outcome of professional tennis matches and developed a recommendation system (content-based filtering) to suggest matches for tennis enthusiasts to watch
- **Predicting Corporate Bankruptcy:** Built supervised learning models (Logistic Regression, KNN, Random Forest) to predict whether a company will file for bankruptcy based on financial ratios. Created Flask web app to visualize bankruptcy probability for US large-cap companies
- **FOMC Minutes Analysis:** Analyzed meeting minutes released by the Federal Open Market Committee (FOMC). Performed named entity recognition, topic modeling (LDA) and sentiment analysis to determine the FOMC's view of the economy

Goldman Sachs · New York, NY

Analyst, Market Risk

July 2016 - June 2019

- **Risk Limit Setting:** Recommended risk limits to Chief Risk Officer. Liaised with business units to ensure adherence to limits
- **Real-Time Risk Monitoring:** Collaborated with trading desks to provide market color, client flow, and positioning information to senior management
- **Board of Directors Updates:** Created discussion materials recapping topical market events, trading positions and P&L highlights to assist firm leadership with risk management decisions
- **Regulatory Interactions:** Presented key drivers of the firm's market risk profile to regulatory agencies (SEC, FRBNY, FINRA) to fulfill supervisory requirements

Lazard · New York, NY

Summer Analyst, Corporate Strategy

June 2015 - August 2015

- Developed financial modeling and accounting skills through training program
- **Business Planning Research:** Analyzed Japanese M&A volumes and fees for domestic and cross-border deals
- **Internal M&A:** Researched asset managers that complemented Lazard's existing platform. Provided Board of Directors with shortlist of acquisition targets
- **Earnings Call Preparation:** Identified industries and geographies where Lazard's financial advisory activity differed versus previous quarters. Presented findings to COO and provided CEO talking points for earnings conference call

EDUCATION

Yale University · New Haven, CT

BA, Economics & Global Affairs (GPA: 3.7/4.0)

2016