MIN LU

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Data/Business Analyst and Finance Professional combining 6+ years of financial industry experience, solid data analysis expertise with strong communication skills

SKILLS

• **TOOLS:** Python (Numpy, Panda, Matplotlib Scikit-Learn), Tableau, R(ggplot2), Dimple.js, SQL, Excel (Functions, VLOOKUP, Pivot Table), PowerPoint, Outlook
• **DATA:** Data Analysis/Wrangling, Machine Learning, Data Visualization, Statistics
• **BUSINESS:** Series 7 & 63 Licensed, Trading, Financial Products, Client Management, Risk Management, Asset Management, Time Management, Project Management, Sales, Communication Skills

EXPERIENCE

Independent, *Data/Business Analyst*, New York, New York   Sep/2016 - Current
• Used data analytics to support business improvement decisions by analyzing more than 110,000 raw data and borrower demographics information through R, creating data visualization in Dimple.js with animation and providing recommendations on investor's behavior, loan borrower rates and loan product life cycle;
• Built Algorithm to identify fraudulent employees based on Enron Financial data set and achieved better accuracy (0.82), precision (0.42) and recall (0.304) score by testing employee's financial background data on 5 different classifiers and using SelectKBest model to select best features;
• Assessed the quality of the San Francisco Map data for validity, accuracy, completeness, consistency and uniformity by developing Python scripts to parse and gather various file formats (xml, csv, and html) on the data from OpenStreetMap.org and performing data munging techniques through Python and SQL;

Scottrade Inc., *Investment Consultant (Series 7 & 63 licensed)*, Forest Hills, New York   Mar/2010 - Sep/2016
• Improved sales efficiency by 30% and sales revenue by 20% ($2 million) by analyzing client's account information and trading activities with SQL and Excel pivot tables to seek business opportunities and identify sales pattern;
• Selected as one of 100 top investment consultants out of 3000 sales employees nationally in 2016 based on excellent sales revenue ($12 million) and number of new active customer (500);
• Contributed 30% increase in number of new customers by discussing investment portfolio performances and risk tolerance with clients, conducting branch seminars and presentations based on global market trends analysis and helping them to overcome investment barrier;
• Achieved 20% increase in asset management by partnering with Scottrade Guidance Solutions Group to identify client needs and providing appropriate solutions and financial products, including stocks, bonds, ETF, mutual funds, etc.;

PROJECTS

Kaggle House Prices: Advanced Regression Techniques   Jul/2017 - Current
• Analyzed 79 explanatory variables for every aspect of residential homes and used machine learning algorithm to predict property sale price;
• Used Numpy, Pandas and Matplotlib to explore the dataset and find relationship between sales price and different variables;

Kaggle Investigate Titanic Project   Jul/2017 - Current
• Analyzed the actual demographic and survival data using NumPy, Pandas and Matplotlib to determine how survival rates vary according to class, gender, age etc.;
• Applied the tools of machine learning to predict survived rates and revealed a significant difference between survival rates for females and males;

EDUCATION

Udacity
Data Analyst Nanodegree 2017
• Relevant Courses: Inferential Statistics, Intro to Data Analysis, Data Wrangling with SQL, Exploratory Data Analysis, Intro to Machine Learning, Data Visualization and D3.js,

Pace University, Lubin School of Business
Finance & Economics B.B.A 2010
• GPA:3.71 with recipient of Dean's Scholarship (Transferred from Shanghai Jiao Tong University)
• Relevant Courses: Statistics, Quantitative Finance, Computer Science, Risk Management, Economics