

Noah Rezsonya

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Skills

Machine Learning	Regression: Linear Regression, ANOVA, MANOVA Classification: Logistic Regression, SVMs, k-NN, Random Forests, Ensemble Methods Clustering: k-Means, DBSCAN, Agglomerative Clustering
Analysis Tools	Python: pandas, numpy, scikit-learn, R: ggplot2, rvest, plyr, forecast, olsrr, caret SAS, MATLAB, Visual Basic
Database	MySQL workbench, MongoDB
Data Vizsualization	Tableau, Python(seaborn, matplotlib)

Experience

10/2015 - 08/2016	Post-Graduate Structural Intern : Chongqing, China JizhunFangZhong Engineering and Architecture <ul style="list-style-type: none">• Maintain database of steel design parameters and costing• Budget tracking, procurement and construction sequencing Primary tools: Microsoft Excel, MySQL workbench
05/2014 - 11/2014	Executive Assistant Intern : Sydney, Australia Harman Global Holdings <ul style="list-style-type: none">• Development of a new client database• Document transactions and record feedback from customer interactions to assist Customer Segmentation Primary tools: Microsoft Excel, MySQL workbench

Projects

05/2018 - Present	Data Mining Using NC High School Data Leveraging high school data collected in North Carolina to investigate factors that influence high school performance. Skills Used: Python scikit-learn, Feature Selection, Linear Regression, Classification, Clustering
02/2018 - 05/2018	Mining Twitter Data With Python And MongoDB Streaming tweets using Twitter REST API. Compare design considerations: Real-time vs. Batch. Skills Used: Python, MySQL workbench, MongoDB
02/2018 - 05/2018	Classify Kobe Shots Using 20 years of basketball data from Kobe to classify shots. Skills Used: SAS, Statistical Imputation, Feature Selection, PCA, Logistic Regression, LDA
10/2017 - 02/2018	Housing Price Prediction Utilizing real estate data of residential homes in Ames, Iowa to predict the final sale price. Skills Used: R, Statistical Imputation, Feature & Model Selection, Linear Regression

Education

08/2017 - 08/2019	Southern Methodist University: Dallas, Texas USA(Online Program) Master of Science in Data Science Current GPA 4.0
07/2009 - 02/2014	University of New South Wales: Sydney, Australia Bachelor of Civil Engineering

Completed Data Science and Machine Learning MOOCs on Udemy, AWS Education and Coursera. Certificates available via LinkedIn profile.