Zining Qi

914-623-2383 | ziningqi0913@gmail.com

EDUCATION BACKGROUND

Indiana University, Kelley School of Business   *2017.08 till date*
Majors: Finance   GPA 3.925/4.0
Minors: Mathematics, and Statistics
Rewards: University Division of Highest Distinction
Selected Coursework: Technology and business analyses, Data Modeling and Inference, Introduction to computers and programming, Exploratory data analysis, Introduction to differential equation, Introduction to Biostatistics, Probability, Math Analysis

PROJECT EXPERIENCE

NBA Wikipedia Data Scraping Using Python   *2020.09 - 12*

· Scraped more than 1000 NBA related data points from more than 100 Wikipedia webpages using python
· Automated scraping process by **regular expression**; performed data cleaning and verification using **pandas**
· Performed **descriptive data analyses** including **time series analysis**, **regression** and **visualization**

Exploratory Data Analysis on Medical Appointment No Show data Using R   *2021.02 - 05*
· Performed **data visualization** including **scatter plots**, **line plots** and **correlation charts** to analyze the relationships among more than 100,000 observations and proposed valuable questions worthy exploring
· Split the dataset into 3 folds using **cross-validation** for training and testing
· Employed **multivariable linear regression** and **logistic regression model** to fit the data points

Applied Linear Regression Analysis on Seoul Bike Data Using R   *2021.10 - 11*
· Applied **power transformation**, **stepwise model selection**, **non-constant variance model**, **Ridge Regression**, and **Lasso Regression** to fit the dataset.
· Utilized **RSS**, **residual plot, influence analysis**, **AIC**, **BIC** as selection criteria to perform model selection.

CAMPUS EXPERIENCE

Research Assistant | *Kelley School of Business*   *2020.03 – 07*
· Used STATA to analyze a dataset containing all career paths of elite engineers in the U.S.
· Used STATA codes instead of insert tools to cleaning data, including renaming variables, dropping meaningless data points, transforming variables, and adding new variables.
· Merged and grouped the variable "wage" by other variables, such as state, year, and industry.
· Created csv files and merged them into one STATA dataset.
· Used codes to match each data point in the dataset with the categories in csv files.

Teaching Assistant | *Introduction to Accounting, Kelley School of Business*   *2019.10 till date*
· Tutored students and proctored exams.

Marketing Mentor | *Blazors Studio, Indiana University*   *2017.08 – 2018.08*

OTHERS

· Skilled in Python, R, STATA
· Interests: Guitar, Piano, Calligraphy, Dance