

Chaeyeon Kim

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Education:

Brigham Young University - Idaho
Bachelor of Science in Data Science

Graduation : December 2020
Rexburg, Idaho

- Skill : R, SQL, Python, JavaScript, Java, Power BI & Tableau, Machine Learning
- Minor in Business Analytics
- Related Course : Data Programming, Data Warehousing, Machine Learning, Statistical Consulting, Data Wrangling & Visualization, Business Analytics, Econ Principles & Prob

Work Experience:

R lab tutor – Statistics

Brigham Young University-Idaho

April 2020 – July 2020

Rexburg, Idaho

- Guided students through their thinking process to understand basic concept of ggplot and other packages in R
- Provided one-on-one and group tutor session by teaching R in tidyverse methodology and debugging script

Teaching Assistant – Statistics

Brigham Young University-Idaho

September 2019 – July 2020

Rexburg, Idaho

- Courses: Applied Linear Regression, Experimental Design, Biostatistics, Business Statistic, Intermediate Statistic
- Mentored student by teaching basic and upper level statistics with t-test, ANOVA, linear regression, and proportion test
- Proactively reached out to students and helped them reduced the retake rate by personalizing tutoring method
- Validated assignment grading for accuracy and provided feedback on course project/data analysis

Academic Project:

Statistical Consulting - Emmerson

Data Analyst

January 2020 – July 2020

Rexburg, Idaho

- Co-Authoring R script to scrape tmy3 files from the National Solar Radiation Database and developed a Github Repository to store weather data along with other useful information
- Created the heat map based on weather climate clusters for each region in the United States

Data Wrangling & Visualization

Personal Project

January 2020 – April 2020

Rexburg, Idaho

- Analyzed relationships between number of COVID-19 patients and infection reasons in South Korea
- Created charts and graphs showing the trends of COVID-19 by date, age groups, gender, and province

Applied Learning Project - Allucent

Brigham Young University-Idaho

September 2019 – December 2019

Rexburg, Idaho

- Lead the team to research on stock investment to present for investors
- Analyzed and visualized the data for forecasting the company's product by using Excel
- Communicated with team members and delivered tasks to the client

Experimental Design - Student Union

Brigham Young University-Idaho

September 2019 – December 2019

Rexburg, Idaho

- Designed the incomplete block experiment to use refreshment budget more efficiently
- Transformed raw data and analyzed using ANOVA and t Test to measure relationship between different factors