# Chaeyeon Kim

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## Work Experience:

**Data Analyst**                                                                           **Jun 2021– August 2021**
*Echomarketing · Internship*                                                              *Seoul, South Korea*

- Generated Web scraping tools to get sales data using R and Python. Visualized sales reports and created product sales trends with Tableau and R

- Designed and Managed ETL to transform Shopify and other eCommerce platforms sales data into adequate report format

- Executed A/B tests for business strategies and analyzed customer consumer patterns based on data sources (MySQL, API, CRM)

**Teaching Assistant – Statistics**                                          **September 2019 – July 2020**
*Brigham Young University-Idaho*                                                      *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

## Education:

Brigham Young University - Idaho                                          **Graduation : December 2020**
*Bachelor of Science in Data Science*                                                  *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

## Academic Project:

**Statistical Consulting - Emmerson**                                          **January 2020 – July 2020**
*Data Analyst*                                                                             *Rexburg, Idaho*

- Co-Authored 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**                                          **January 2020 – April2020**
*Personal Project*                                                                        *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**                                  **September 2019 – December2019**
*Brigham Young University-Idaho*                                                      *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

• 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

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