

Myoungji Yang (She/Her)

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EDUCATION

Rice University, Houston, TX

Ph.D. in Economics

(Expected) May 2025

Sungkyunkwan University, Seoul, Korea

M.A. in Economics

Aug 2018

B.A. in Economics

Aug 2015

SKILLS

Quantitative: Data Management (Collection, Cleaning, Validation), Statistical/Econometric Analysis (Hypothesis Testing, Regression, Causal Inference), Predictive Modeling, Machine Learning

Software: R, Python, SQL, Stata, Matlab, Latex

Language: English (Fluent), Korean (Native)

EXPERIENCE

Decision Science Professional Intern

The Walt Disney Company, Orlando, FL

Jun 2024 - Present

- Conducting data analysis for Disney theme parks by leveraging SQL queries to extract and validate data from Snowflake, ensuring data quality and accuracy for further analysis
- Applying statistical techniques, including regression analysis and advanced causal inference methods, using Python to estimate price elasticity and optimize ticket pricing strategies
- Applying economic knowledge to interpret estimation results and craft data-driven narratives, contributing to corporate revenue management

Doctoral Researcher

Rice University, Houston, TX

Sep 2020 - Present

Project Title: The Welfare Effects of Repealing Sales Tax on Menstrual Hygiene Products

- Summarized 15-year supermarket consumer panel data using R to gain insights into consumer behavior and firm strategies in Texas and Florida
- Quantified the impact of a 6% sales tax repeal on product prices using the Synthetic Control Method
- Visualized hygiene products market trends in Florida using various graphing tools in R
- Solving the optimal pricing decision problem of sanitary pad companies
- Forecasting changes in demand and revenue following a counterfactual tax change

Teaching Assistant

Rice University, Houston, TX

Aug 2019 – May 2024

- Explained complex ideas to undergraduate students in easily understandable language for Behavioral Economics and Principles of Economics courses

Research Associate

Korea Development Institute, Sejong, Korea

Sep 2017 - Mar 2018

- Communicated with various stakeholders in business and government to gather information on regulations
- Disseminated the cost-benefit analysis of regulations via conference presentations and white papers

Graduate Researcher

Sungkyunkwan University, Seoul, Korea

Sep 2016 - May 2018

Project Title: The Impacts of a News Aggregator on Newspapers: An Empirical Evaluation

- Web-scraped news articles and reader counts from a search engine and 6 daily newspaper websites over 3 years to build a large panel dataset using R
- Developed performance metrics such as competition intensity and product differentiation in the Korean digital media market
- Measured the impact of competition on product differentiation through regression analysis using Stata

Research Assistant

Sungkyunkwan University, Seoul, Korea

Sep 2016 - Aug 2017

- Collaborated with a team of a professor and senior graduate students to empirically determine the scope of a market for bundled products in the Korean telecommunications industry, resulting in publication in a peer-reviewed journal
- Designed a conjoint survey questionnaire to measure users' intention to switch to rival products and constructed an analyzable dataset using the survey results