

Adam Ott

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Education

- **Brigham Young University** *August 2016 - Present*
 - Master of Science in Statistics
 - GPA: 4.0
 - Graduation: April 2021
 - Undergraduate Major: Statistics
 - Undergraduate Minor: Math

Work Experience

- **Data Science Intern**, UnitedHealth Group *June 2020 – August 2020*
 - Gathered and cleaned data from a large healthcare database using SQL and R
 - Fit machine learning and statistical models to explain the variation in provider treatment to patients with chronic conditions
 - Presented findings to both a technical audience and company leaders
- **Healthcare Research Assistant**, BYU *October 2019 – Present*
 - Used SQL and R to retrieve and clean data on emergency room visits at Intermountain Healthcare
 - Formulated a statistical model utilizing various correlation structures to predict which populations may be at risk of visiting the emergency room unnecessarily
- **Applied R Programming TA**, BYU *September 2018 – December 2019*
 - Designed fun and relevant Monte Carlo simulation studies in R twice per semester to be used in reviews and on exams
 - Debugged and graded R scripts for 15 students per week to provide feedback on how to write cleaner code
- **Energy Market Analyst Intern**, Energy Exemplar *May 2018 - August 2019*
 - Worked closely with prospective clients to formulate their database to work with the company's optimization software
 - Provided prompt feedback to developers on whether code changes had their intended effects and how those changes affected the overall user experience
 - Co-wrote 20 technical comparison documents used to help the company makes decisions on which product features to keep after a merger
- **Data Analytics Research Intern**, BYU Tennis Team *January 2018 - April 2018*
 - Collected data in Excel on over 1000 tennis points to give feedback and analysis to the BYU Men's and Women's Tennis Teams
 - Performed a statistical study in R on whether the BYU Women's Tennis Team played better or worse in "clutch" situations

Skills

- Strong Knowledge of R, SQL
- Working Knowledge of Python, SAS, Stan
- R Shiny
- Spanish

Interests

- Baseball Sabermetrics
- Data Visualization
- Musical Theater