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