Thomas Eggert

847-525-6037 | teggert@uiowa.edu | LinkedIn: https://www.linkedin.com/in/thomas-eggert-uiowa/

Education

B.A.A., Business Analytics and Information Systems
May 2023
University of Iowa, Iowa City, IA

As a fourth year Business Analytics and Information Systems major, I am prepared to apply my problem solving and databased software skills into a career where I can help improve business operations.

Skills

Tools: R, Python, SQL, Rattle, Microsoft Power BI, Microsoft Access
Methodologies: Database management, data analysis, data mining, data wrangling, strong communication skills (written and oral)

Experience

Marketing Analyst Intern
American Woodmark, Winchester, VA   May 2022– August 2022

Gained valuable experience in presenting information in several different projects including dashboards from survey data, dashboards in Power BI using company sales records and, dashboards in Power BI detailing housing market data.
- Created project focused Excel files through Pivot tables, highlighting key variables of sales throughout the company.
- Created surveys in Qualtrics through careful word choice in order to promote customer responses and also obtain information that supervisors were seeking.
- Provided insights on survey responses through dashboards.

Projects

College Raptor Capstone research and analysis:
- For my senior capstone project, myself, and a group of 3 others, worked with a local company (College Raptor) to help improve the accuracy of their college net price calculator. College Raptor is a web service designed to show students and parents the real cost of college given financial, academic, and family background information. We used net price calculators from university websites to provide baseline values. We then collected values from College Raptor and competitors to then identify strengths and weaknesses, ultimately highlighting schools and strings of student information that needed improved accuracy.

SQL database management and web-page creation:
- Using SQL code, I created new data frames highlighting several relationships among the different variables of a list of movies from a "2000's box office" dataset. After coding in SQL, I then displayed these new data frames into a web-page in SQL to make viewing more using friendly and effective.

R Studio data preparation and modeling for MLB team history
- For a final project, using R Studio, I organized and merged multiple data frames on MLB team history to show correlations between team wins and attendance along with a team's projected

market size and attendance. This project included code to display histograms and scatterplots to provide effective visualizations of the given findings.

Report Deck evaluating DEI within UIowa student organization:
- Applied knowledge of importance diversity, equity, and inclusion practice into a workplace and rhetoric.
- Established myself as a leader within a team of peers in preparation for written and oral reports.