


JACK GLENN

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Education

University of Iowa

August 2021 – May 2025

B.B.A Business Analytics and Information Systems

GPA 3.53

Relevant Coursework

- Computational Thinking
- Database Management
- Foundations of Analytics
- Information Systems
- Operations Management
- Data Wrangling
- Data Mining
- Computing Essentials

Relevant Experience

Staples

May 2023 – August 2023

Technology Specialist/Data Assistant

Davenport, Iowa

- Provided excellent technical support to customers, resolving internal and external software issues, troubleshooting problems, and ensuring a positive customer experience.
- Demonstrated comprehensive knowledge of technology products, including computers, printers, and office equipment, helping customers make informed purchasing decisions.
- Assisted with data management tasks, including data entry, validation, and maintenance, ensuring data accuracy and integrity.
- Conducted basic data analysis to identify trends and patterns, aiding in product purchasing and inventory optimization.

Projects

Flight Delay Data Analysis | *Python*

October 2023

- Gathered all flight data from July 2023 and analyzed how two airports compared in terms of the number of direct flights, late flights, and average flight delay time.
- Employed dictionaries to aggregate flight information, such as departure and arrival times, airline details, and delay statistics, for deeper analysis.
- Applied statistical methods within Python to quantify the impact of various factors on flight delays, enhancing understanding and predictive capabilities.

Sales and Inventory Management Project | *Python, OracleSQL*

July 2023

- Designed and created an SQL database to efficiently store sales transactions, customer information, and inventory data, ensuring data integrity and seamless retrieval.
- Developed a Python application with a user-friendly interface to facilitate sales management, inventory tracking, and reporting, enhancing operational efficiency.
- Implemented SQL queries within the Python application to generate real-time reports, such as sales summaries, product availability, and profit margins, enabling data-driven decision-making.

MLB Team Wins Forecasting Model | *Excel*

April 2022

- Implemented a multi-linear regression model and residual plots to measure which variables affect the wins of an MLB team.
- Tracked over 1,500 rows of data, measuring 3 independent variables and 1 dependent variable.
- Cleaned and prepared the data, making a final regression model proving 2 variables to affect team wins.

Technical Skills

Tools and Frameworks: Python, SQL, R, Power BI, Tableau, Excel, GitHub

Techniques/Methodologies: Regression Analysis, Forecasting, Data Visualization, Hypothesis Testing, Clustering, Data Cleaning

Student Involvement

Tippie Technology and Innovation Association

Spring 2023 – Present

Member

University of Iowa

- Actively participated as a member of the only business analytics organization at Iowa, contributing to discussions and events focused on hosting different companies, professional development, and networking opportunities.
- Leveraged the society as a platform for networking with like-minded peers, industry professionals, and tech leaders, fostering valuable connections and collaborative opportunities.
- Received access to an exclusive career fair, talking with a variety of industry professionals in analytics and technology.