MASEN BACHLEDA

Master of Science in Business Analytics

Enthusiastic business analytics graduate student eager to contribute to an organization's data-driven decision-making team. I have 3 years of experience building machine learning models, and my mission as a data scientist is to work on an innovative and dynamic technological based team. Graduating in August 2021. Click HERE for GitHub repositories to view specific projects.

Relevant Experience

2021

SQL Database Design

University of Nebraska, Lincoln, NE

- Lead efforts to design and create a database for a potential real estate company
- Successfully created database following standard normalization procedures for relational databases
- Demonstrated functionality with business focused queries

2021

Airline Predictive Analytics

University of Nebraska, Lincoln, NE

- Developed 2 neural networks and 2 logistic regression models to predict customer purchase of a phone contract using a large, structured dataset
- Calculated accuracy, precision, sensitivity, and F1 score of the models to give insight into which model will create the most value

2019

Gerrymandering Simulation

University of Nebraska, Lincoln, NE

- Developed a Markov Chain Monte Carlo algorithm with Python to analyze if a redistricting plan has partisan bias
- Utilized Matplotlib library to generate authentic statistical visualizations
- Presented research and results to university math department

2019

Learning Assistant

University of Nebraska, Lincoln, NE

- Supported interaction between students during group work activities using guided conversation
- Collaborated with Professor to monitor progress of students and adjust instructional strategies to meet specific needs more efficiently.

Education

2020-08 - Current

Master of Science: Business Analytics

University of Nebraska - Lincoln - Lincoln, NE

- Advanced learning of regression analysis, classification models, data mining, and data management
- Supply Chain Management
- Current GPA: 3.83

2017-08 - 2020-05

Bachelor of Science: Mathematics and Statistics

University of Nebraska - Lincoln - Lincoln, NE

Contact

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GitHub
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Skills

R Visualization
Clustering Analysis
Machine learning
Data Mining
Regression Analysis

Software

R
SQL
Python
Java
Microsoft Excel

Libraries

NumPy
Pandas
matplotlib
TensorFlow
Keras
ggplot2