

MASEN BACHLEDA

Master of Science in Business Analytics

Enthusiastic business analytics graduate 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. Graduated August 2021. Click [HERE](#) for GitHub repositories to view specific projects.

Relevant Experience

2021	SQL Database Design <i>University of Nebraska, Lincoln, NE</i> <ul style="list-style-type: none">Lead efforts to design and create a database for a potential real estate companySuccessfully created database following standard normalization procedures for relational databasesDemonstrated functionality with business focused queries
2021	Airline Predictive Analytics <i>University of Nebraska, Lincoln, NE</i> <ul style="list-style-type: none">Developed 2 neural networks and 2 logistic regression models to predict customer purchase of a phone contract using a large, structured datasetCalculated accuracy, precision, sensitivity, and F1 score of the models to give insight into which model will create the most value
2019	Gerrymandering Simulation <i>University of Nebraska, Lincoln, NE</i> <ul style="list-style-type: none">Developed a Markov Chain Monte Carlo algorithm with Python to analyze if a redistricting plan has partisan biasUtilized Matplotlib library to generate authentic statistical visualizationsPresented research and results to university math department
2019	Learning Assistant <i>University of Nebraska, Lincoln, NE</i> <ul style="list-style-type: none">Supported interaction between students during group work activities using guided conversationCollaborated with Professor to monitor progress of students and adjust instructional strategies to meet specific needs more efficiently.

Education

2020-08 - 2021-08	Master of Science: Business Analytics <i>University of Nebraska - Lincoln - Lincoln, NE</i> <ul style="list-style-type: none">Advanced learning of business analytics with focus on predictive analytics and database managementSupply Chain ManagementGPA: 3.8
2017-08 - 2020-05	Bachelor of Science: Mathematics and Statistics <i>University of Nebraska - Lincoln - Lincoln, NE</i>

Contact

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GitHub

github.com/MasenBachleda

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