

MARYTZA BRUNCKHORST

Data Scientist

marytza.brunckhorst@gmail.com

(108) 779-9115

Cody, WY



PROFILE

I am a Data Scientist with over 3 years of experience in leveraging data-driven insights to develop and implement business solutions. My expertise lies in data analysis, machine learning, predictive modelling, and data visualization. I have a proven track record of producing high-quality results, evidenced by my successful projects in the areas of customer segmentation, fraud detection, and predictive analytics. I am experienced in using various tools and technologies such as Python, R, SQL, and Tableau to collect, process, and analyze data. I am also highly skilled in presenting complex data points in a visually appealing and easily understandable manner.

LINKS

[linkedin.com/in/marytzabrunckhorst](https://www.linkedin.com/in/marytzabrunckhorst)

SKILLS

Machine Learning

Statistical Analysis

Data Visualization

Programming (Python, R)

Database Management

Business Intelligence

Communication Skills

LANGUAGES

English

EMPLOYMENT HISTORY

● Data Scientist at Wyoming Data Science, WY

Oct 2022 - Present

- Developed a machine learning algorithm to predict customer churn with 90% accuracy. This model was used to identify customers at risk of leaving Wyoming Data Science, WY and allowed the company to take proactive steps to keep them.
- Developed an automated tool to extract data from web sources and organize it into a structured format for analysis. This tool saved the company over 100 hours of manual labor per month.
- Designed and implemented a data-driven marketing campaign that resulted in a 20% increase in customer engagement. This campaign also increased the company's conversion rate by 10%.

● Junior Data Scientist at EnsoData, LLC, WY

Aug 2020 - Sep 2022

- Developed a machine learning-based algorithm to detect and classify anomalies in healthcare data with an accuracy rate of 95%. This algorithm was deployed to over 500 medical institutions and resulted in a 10% reduction in healthcare costs.
- Developed an automated process to clean and analyze patient records from multiple sources. This process enabled EnsoData to increase its patient records database by 45% and improved the accuracy of their data analysis by 20%.
- Led a team of 5 data scientists to create a predictive model for patient outcomes. This model was used to improve the accuracy of patient diagnosis and treatment, resulting in a 15% reduction in medical errors.

EDUCATION

Master of Science in Data Science at University of Wyoming, Laramie, WY

Aug 2015 - May 2020

Relevant Coursework: Algorithms, Machine Learning, Probability & Statistics, Data Analysis & Visualization, Big Data & Databases.

CERTIFICATES

Cloudera Certified Professional: Data Scientist

May 2021

Microsoft Certified Azure Data Scientist Associate

Dec 2019

MEMBERSHIPS

International Association for Statistical Computing (IASC)