Rajvendra Rahi

+91 8109204371 | rajvendrarahi126@gmail.com | LinkedIn | GitHub

SUMMARY

Data Scientist with expertise in machine learning and statistical analysis. Proficient in Python, SQL, and various data visualization tools including Power BI and Tableau. Experienced in developing and deploying machine learning models to derive actionable insights and drive data-informed decisions. Eager to apply technical skills and contribute to innovative data solutions.

TECHNICAL SKILLS

Programming Languages: Python, SQL, R (Good to have)

Libraries & Tools: Pandas, NumPy, Scikit-learn, TensorFlow, PySpark/Databricks (Good to have)

Data Visualization: Power BI, Tableau, Seaborn, Matplotlib, Word Cloud

Data Management & Analysis: Excel, Power Query Editor, DAX

Statistical Analysis: Statistical Techniques, Deep Learning (Decision Tree, Segmentation, Logistic and Multiple Regression)

PROJECTS

Artificial Neural Network From Scratch
AlmaBetter/IITVerified

Feb 2025
Python, NumPy, Matplotlib

- Created an artificial neural network from scratch using Python and NumPy, with forward and back propagation.
- Developed a small framework like TensorFlow using object-oriented programming to create deep fully connected neural networks.
- Achieved 99.3% accuracy on a spiral dataset (classification dataset) using the custom neural network.
- Reduced cross-entropy loss function to approximately 0.0318 at epoch 99800.

Credit Score Prediction
AlmaBetter/IITVerified

Oct 2024
Python, Scikit-learn, Logistic Regression

- Applied data cleaning, visualization, and feature extraction techniques to improve the accuracy of predicting user credit scores by 15%.
- Implemented machine learning models such as Logistic Regression and Random Forest, optimizing hyper parameters to enhance model performance and stability.

Book Recondamation System
AlmaBetter Certified Project

Feb 2024
Python, Cosine Similarity

- Developed a high-accuracy Book Recommendation System using Python, achieving a 90% accuracy rate in book recommendations by implementing cosine similarity.
- Utilized data processing and machine learning libraries, including Pandas, NumPy, and scikit-learn, to efficiently preprocess large datasets and build recommendation models.
- Evaluated and fine-tuned the model using metrics such as precision, recall, and cosine similarity scores to maximize recommendation quality and maintain a user-focused experience.

EXPERIENCE

Data Scientist Trainee
AlmaBetter

Jan 2024 – Present
Bengaluru (Remote)

- Trained and optimized machine learning models utilizing algorithms such as Linear Regression, KNN, Decision Trees, and XGBoost; achieved classification accuracy of 87%.
- Cultivated strong collaboration skills through participation in multidisciplinary projects, resulting in a 15% increase in team output and the successful completion.

EDUCATION

Barkatullah University (BUIT)   Bhopal, India
B.Tech in Computer Science Engineering   *2020 – 2024*

CERTIFICATIONS

- Advanced Certification in Full Stack Data Science & AI - Indian Institute of Technology (IIT), Dec 2024