

Rajvendra Rahi

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SUMMARY

Data Scientist with expertise in machine learning and statistical analysis. Proficient in Python, SQL, Excel, and data visualization tools like Power BI and Tableau. Strong background in analyzing complex datasets to derive actionable insights and drive business decision-making. Experienced in developing and optimizing machine learning models, with a focus on data-driven solutions.

TECHNICAL SKILLS

- Programming Languages:** Python, SQL
- Data Analysis/Visualization:** Pandas, NumPy, Excel, Power BI, Tableau, Seaborn, Matplotlib
- Machine Learning:** Scikit-learn, TensorFlow, Deep Learning, NLP
- Databases:** PostgreSQL, MySQL

PROJECTS

- Artificial Neural Network From Scratch**
AlmaBetter/IITVerified

Feb 2025
Python, Numpy, Matplotlib

 - Created an artificial neural network from scratch using Python and NumPy, including forward and back propagation.
 - Developed a custom neural network framework with fully connected layers.
 - Achieved 99.3% accuracy on a spiral classification dataset and reduced cross-entropy loss to 0.0318.
- Credit Score Prediction**
AlmaBetter/IITVerified

Oct 2024
Python, Scikit-learn, Logistic Regression

 - Improved the accuracy of predicting user credit scores by 15% through robust data cleaning, visualization, and feature extraction techniques.
 - Implemented machine learning models, including Logistic Regression and Random Forest, with optimized hyperparameters.
- Book Recommender System**
AlmaBetter Certified Project

Feb 2024
Python, Pandas, NumPy, Scikit-learn, Cosine Similarity

 - Developed a high-accuracy Book Recommendation System using Python, achieving a 90% accuracy rate through cosine similarity.
 - Preprocessed large datasets and built recommendation models using Pandas, NumPy, and scikit-learn.
 - Evaluated and fine-tuned the model using metrics such as precision, recall, and cosine similarity scores.
- Sky Analytics Airline and Airport Operations Analysis**
AlmaBetter Verified Project

Oct 2024
MS Excel, Pivot Tables, Power Query, Data Analysis, Data Visualization

 - Analyzed approximately 70,000 flight records using advanced Excel techniques to examine delays, cancellations, airline performance, and airport traffic.
 - Developed functional dashboards revealing key insights, including cancellation rates (3.91%) and delay rates (49.05%).
 - Identified top-performing airlines using the developed dashboards.

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 (BUI)
B.Tech in Computer Science Engineering
CGPA: 7.2

2020 – 2024

CERTIFICATIONS

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