

Rajvendra Rahi

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SUMMARY

Data scientist with expertise in machine learning, statistical analysis, and data visualization. Proficient in Python, SQL, Excel, and Power BI. Skilled in developing and deploying machine learning models to drive data-informed decision-making. Passionate about solving real-world problems through data-driven approaches.

TECHNICAL SKILLS

- Programming Languages:** Python, SQL
- Data Analysis/Visualization:** Pandas, NumPy, Scikit-learn, Power BI, Tableau, Matplotlib, Seaborn
- Machine Learning:** Deep Learning, Feature Engineering, Statistics, NLP
- Databases:** PostgreSQL, MySQL
- Tools:** Excel, Power Query Editor, DAX

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 framework for creating deep, fully connected neural networks and achieved 99.3% accuracy on a spiral dataset.
 - Implemented a cross-entropy loss function.
- Credit Score Prediction**
AlmaBetter/IITVerified

Oct 2024
Python, Sklearn, 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 such as Logistic Regression and Random Forest, optimizing hyperparameters to enhance model performance and stability.
- Book Recommendation System**
AlmaBetter Certified Project

Feb 2024
Python, Cosine Similarity

 - Developed a Book Recommendation System using Python, achieving a 90% accuracy rate by implementing cosine similarity.
 - Utilized Pandas, NumPy, and scikit-learn to preprocess datasets and build recommendation models.
 - 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

 - Analyzed approximately 70,000 flight records using Excel, examining delays, cancellations, airline performance, and airport traffic.
 - Developed functional dashboards that revealed key insights, including cancellation rates and delay percentages.
 - Identified top-performing airlines.

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) <i>B.Tech in Computer Science Engineering</i>	2020 – 2024
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CERTIFICATIONS

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