Rajvendra Rahi

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LinkedIn: Rajvendra Rahi, GitHub: Rajvendra Rahi

Data Scientist with expertise in machine learning and statistical analysis. Proficient in Python, SQL, and data visualization tools. Strong background in developing and optimizing machine learning models to drive data-informed decision-making.

SKILLS

- **Programming Languages:** Python, SQL
- **Data Analysis:** Pandas, NumPy, Excel, Power Query Editor, DAX
- **Data Visualization:** Microsoft Power BI, Tableau, Seaborn, Matplotlib, Word Cloud
- **Machine Learning:** Scikit-learn, TensorFlow, Deep Learning, NLP, Logistic Regression, Decision Tree, Random Forest
- **Statistical Analysis:** Statistical Techniques, Forecasting, Regression
- **Other Tools:** PostgreSQL, MySQL

PROJECTS

Artificial Neural Network From Scratch

Python, NumPy, Matplotlib   Feb 2025

- Created a neural network from scratch using Python and NumPy with forward and backpropagation.
- Developed a framework similar to TensorFlow, allowing for the creation of deep, fully connected neural networks.
- Achieved 99.3

Credit Score Prediction

Python, Scikit-learn, Logistic Regression   Oct 2024

- Improved the accuracy of predicting user credit scores by 15
- Implemented machine learning models, including Logistic Regression and Random Forest, optimizing hyperparameters for enhanced performance and stability.

Book Recommendation System

Cosine Similarity   Feb 2024

- Developed a Book Recommendation System with 90
- Utilized Pandas, NumPy, and scikit-learn to preprocess datasets and build recommendation models.
- Evaluated and fine-tuned the model using precision, recall, and cosine similarity scores.

Sky Analytics Airline and Airport Operations Analysis

MS Excel   Oct 2024

- Conducted an in-depth analysis of flight records using advanced Excel techniques, examining delays, cancellations, and airline performance.
- Developed dashboards that revealed key insights, including flight cancellation and delay rates, and identified top-performing airlines.

EDUCATION

Barkatullah University (BUIT)   **B.Tech, Computer Science Engineering**
7.2 CGPA   *2020–2024*

CERTIFICATIONS

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