Rohit Yadav

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Professional Summary

Data Science and AI enthusiast with hands-on expertise in Machine Learning, Deep Learning, and Statistical Analysis. Proficient in Python, SQL, and end-to-end model deployment using frameworks like TensorFlow and scikit-learn, with a strong grasp of data analytics and visualization. Experienced in building and interpreting data-driven solutions using tools like Matplotlib, Seaborn, and Power BI. Passionate about leveraging data to drive intelligent decisions and impactful innovation.

Projects

MOVIE RECOMMENDATION SYSTEM:

- Built a content-based Movie Recommendation System using Python, Pandas, NumPy, and CountVectorizer for feature extraction.
- Applied vectorization and cosine similarity techniques to compute and recommend the top 5 similar movies.
- Worked with a structured movie dataset to train and evaluate the model for accurate and scalable recommendations.

OLYMPIC DATA ANALYSIS WEB APP:

- Developed an interactive data visualization project that analyzed 100,000+ data points, improving trend analysis by 30%.
- Interactive data visualization dashboard using Matplotlib, Seaborn, Plotly, and Pandas.
- Built a Streamlit-powered web app for real-time data exploration.

Technical Skills

- **Programming Languages:** Python, Java, SQL, HTML, CSS.
- **Database Management:** MySQL, SQL Server.
- **Machine Learning & Deep Learning**: Supervised and Unsupervised Learning, Deep Learning, Generative-Ai, Scikit-learn, TensorFlow, OpenCV, Keras.
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Power BI, Tableau, MS Office.
- **Tools & Platforms:** Git, Streamlit, AWS.

Professional Skills

- Problem-solving & Critical Thinking.
- Strong Communication & Team Collaboration.
- Adaptability & Learning Agility

Education

GRAPHIC ERA UNIVERSITY Dehradun, India **2023 - 2025**
Master of Computer Applications | CGPA: **7.6**

GRAPHIC ERA UNIVERSITY Dehradun, India **2020 – 2023**
Bachelor of Science in Information Technology | CGPA:**7.4**

Experience

- Worked on 50+ diverse datasets, performing end-to-end data preprocessing, including data cleaning, feature extraction, and feature selection for various ML and deep learning projects.
- Built and evaluated models using supervised and unsupervised learning techniques with tools like scikit-learn, TensorFlow, and Keras.
- Actively participated in Kaggle competitions to solve real-world problems, improving skills in model optimization, data handling, and collaborative problem-solving.

Certifications/Courses

- Coursera- Data Analytics by IBM. **April 2025**
- Simplilearn-Generative Ai.(Certification Code: 8436949) **6 June 2025**