Ritik Chauhan

 Ritik | Ritik | ritikchauhan2068@gmail.com | +916397509639 | Portfolio

Profile

Data Scientist | Machine Learning Engineer | AI Enthusiast with hands-on experience in Data Science, Machine Learning, and AI. Skilled in NLP, and data visualization, with expertise in Python, SQL and Web Scraping.

Skills

- **Programming & Scripting:** Python, SQL, C++.
- **Data Science & Machine Learning:** Data Analysis, Machine Learning, Statistics, NLP, Flask.
- **Visualization & Analytics:** Power BI, Tableau **,** Web Scraping.
- **Version Control :** Git and Github

Personal Project

Flat Recommendation System [LINK]
- Built a Flat Recommendation System using Machine Learning and Web Scraping, analyzing 10,000+ listings from 99acres.
- Achieved 85% recommendation accuracy, improving personalized property suggestions for users.

Movie Recommendation System [LINK]
- Developed a Movie Recommendation System using Machine Learning.Implemented NLTK and Count Vectorizer to analyze 100,000+ user interactions, achieving 85% accuracy.
- Optimized collaborative filtering approaches to enhance personalized recommendations and user engagement.

Netflix Dashboard [LINK]
- Designed an interactive Netflix Data Analysis Dashboard using Tableau, analyzing 5,000+ movies & TV shows to uncover content trends.
- Optimized dashboard performance for real-time filtering and user-friendly navigation.

Work Experience

Machine Learning Engineer | INTERNPE (Feb – March 2024)
- Collaborated with a team of senior developers to build an IPL prediction system, improving feature integration by 30%.
- Implemented hyperparameter tuning, reducing prediction error by 20% and enhancing model accuracy.

Education

- **B.Tech [Computer Science]** – Chaudhary Charan Singh University, Meerut (2021 -Present)
- **INTERMEDIATE (CBSE)** – DAV Centenary Public School, Haldwani (2020)

Certifications

- **Python and C++** – Udemy
- **Machine Learning and Data Science -** CampusX

Leadership Experience

- **AI/ML Hackathon[Team Leader]** – Led 5 member team in a college level AI/ML hackathon competing against 20+ teams. Developed an innovative machine learning solution within a limited time period.
- **Data Analysis Hackathon[Team Leader]** –Designed and deployed an interactive data analysis dashboard, handling 100,000+ data points. Presented in front of a panel of judges