SANGEETA KUMARI YADAV

Data Science with AI and ML aspirant

7985520231 | sangu7985@gmail.com | Lucknow , Uttar Pradesh

SUMMARY

Enthusiastic and detail-oriented **Data Science and Machine Learning professional** with hands-on experience in **Exploratory Data Analysis (EDA), data cleaning, data analytics, and statistical modeling**. Skilled in developing **machine learning algorithms** for predictive and regression tasks, and transforming raw data into actionable insights through **data visualization** and storytelling. Strong understanding of **statistical concepts, model evaluation, and data-driven decision-making**. Passionate about applying AI and ML techniques to solve real-world problems and continuously learning emerging technologies in data science.

EDUCATION

Bachelor's degree in Computer Applications

Technical Education and Research Institute PG College

08/2021 - 06/2024 | Ghazipur

Master's in Computer Applications

Sri Ramswaroop Memorial University

08/2024 - 01/2026 | Barabanki

EXPERIENCE

Data Science

42Peaks

08/2025 - 11/2025 | Lucknow , Uttar Pradesh

Completed specilization in Data Science AI & ML.

- Created real time projects during course using Machine Learning.
- Gained practical experience in Data Analysis,EDA,ML & Python Libraries.

KEY ACHIEVEMENTS

Student Performance Prediction

Achieved 95% accuracy in student performance prediction model using regression analysis techniques.

Algorithm Efficiency Improvement

Successfully enhanced algorithm efficiency, reducing runtime by 30% for Netflix recommendation system project.

Data Processing Optimization

Increased data processing speed by 40% by optimizing EDA techniques and Python libraries usage.

SKILLS

Python | **Data Visualization** | **EDA** | **Statistical Analysis & Hypothesis Testing** | **Regression & Classification Models** | **Machine Learning** | **Feature Engineering** | **Data Analysis & Interpretation** | **SQL**

PROJECTS

Netflix Movie Recommendation System

- Built a **content-based recommendation model** using cosine similarity.
- Applied **data cleaning and feature extraction** on title, genre, and rating data.
- Visualized genre trends and audience preferences.

Student Performance Prediction

- Used demographic and academic data to predict student grades using regression models.
- Performed EDA, correlation analysis, and handled missing data.
- Evaluated models using MSE and R^2 Score.

ONLINE PROFILE

LinkedIn

https://www.linkedin.com/in/sangeeta-kumari-yadav-2a444935b?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app

Github

https://github.com/sangu7985