




Ashish Sharma


Data Science Intern

BCA graduate with a strong foundation in Python, data analysis, and basic networking concepts. Skilled in problem-solving with hands-on experience in data manipulation, visualization, and exploratory analysis. Seeking opportunities to apply and expand skills in the field of Data Science.

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PROJECTS

IPL Match Win Predictor

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

- Developed a **machine learning model** to predict IPL match outcomes using historical match statistics.
- Performed **data preprocessing and feature engineering** on runs, wickets, overs, and other match-related parameters.
- Implemented and optimized **predictive algorithms** to generate reliable winning probabilities.
- Presented results through a **probability-based outcome predictor**, ensuring clear and interpretable insights.

Book Recommendation System

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Matplotlib

- Designed a **machine learning-based recommendation system** to suggest books tailored to user preferences.
- Performed **data preprocessing and feature engineering** on user ratings, genres, and reading history.
- Implemented **collaborative and content-based filtering algorithms** to generate personalized recommendations.
- Built an **interpretable recommendation engine** that improved user engagement and discovery of books.

House Price Prediction

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Matplotlib/Seaborn

- Developed a **machine learning regression model** to estimate housing prices with high accuracy.
- Collected, cleaned, and **preprocessed real estate datasets**, ensuring data quality and consistency.
- Engineered features from key variables such as **location, area, and number of rooms** to enhance model performance.
- Trained and evaluated **multiple regression algorithms**, achieving reliable and interpretable predictions

EDUCATION

Vivekananda Global University

BCA, AI\DS

8.5

SKILLS

Python

OOP, Data Structures, Algorithm, Scripting

Machine learning

Regression, Classification, Algorithm, Scikit-learn

Data Analysis

Numpy, Pandas, SQL, Excel

Data Visualization

Pandas, Matplotlib, Seaborn, Excel

CERTIFICATIONS

Introduction to Network and Storage

IBM

Gained foundational knowledge of computer networks, IP addressing, protocols, and storage systems used in modern IT infrastructure.

Introduction to Data Networks and the Internet-Bachelor's

Illinois Tech

Gained knowledge of network fundamentals, internet architecture, and communication protocols.