

# 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.

📍 Sikar, India

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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.