

Kunal Rajput

Python Engineer | Data Analysis, Data Science, Machine Learning With 6 months of experience, I specialize in using Python to analyze data, build machine learning models, and create data-driven solutions. Skilled in tools like NumPy, pandas, and scikit-learn, with a focus on practical problem-solving.



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SKILLS

linear regression

Python

MYSQL

Pandas

Numpy

Matplotlib

Power bi

Seaborn

Data cleaning

Statistics

Visualization

Sklearn

Machine learning

Data preprocessing

k-Nearest Neighbors

Naive Bayes

Decision Trees

Random Forest

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Punjabi

Full Professional Proficiency

EDUCATION

BCA - Bachelor of Computer Applications

Amity University

2022 - 2025

Courses

- participate in internal college hackathon and placed 3rd.
- created project DA/DS project and presented it.

PERSONAL PROJECTS

Student attendance project

Workplace/Company

2023 - 2023

Achievements/Tasks

- Developed a student attendance tracking system using Python with NumPy and pandas for efficient data manipulation and analysis.
- manipulation and analysis. Implemented data visualization using Matplotlib and Seaborn to generate insights on attendance trends and batch performance.
- Classified students based on courses and batches (weekend vs. weekday) for targeted reporting and batch-specific analysis. Automated attendance calculations to track daily, weekly, and monthly attendance rates with real-time analytics.

Hotel Booking Project

Workplace/Company

2024 - 2024

Achievements/Tasks

- Integrated an open-source API to scan the user's location and retrieve real-time hotel data, enhancing the booking experience.
- Visualized hotel availability and details using dynamic graphs and pie charts within Jupyter Notebook for easy analysis.
- Leveraged Python data libraries to process and display hotel information, providing a user-friendly interface for hotel selection.

Web Scrapping

Workplace/Company

Achievements/Tasks

- Developed a web scraping tool using Python libraries like BeautifulSoup and requests to extract structured data from websites.
- Automated data collection from multiple web sources, enabling efficient extraction and storage of large datasets.
- Processed and cleaned scraped data for analysis, ensuring high data quality and usability for various applications.

CERTIFICATES

Ducat institute (08/2023)

certified in Data analyst, Data science and machine learning with python developer.

ACHIEVEMENTS

Placed 3rd in college local hackathon in 2023 (2023 - 2023)