**SACHIN RAWAT**

Dehradun, India | +917037610153 | [Gmail](mailto:sachinrawat4666@gmail.com) | [LinkedIn](http://www.linkedin.com/in/sachin-rawat-a455652b9) | [GitHub](https://github.com/SachinRawat1604)

**EDUCATION**

* **Bachelor of Technology in Computer Science & Engineering**

Uttaranchal Institute of Technology | Expected Graduation: June 2025

**PROFESSIONAL EXPERIENCE**

**AI & Machine Learning Intern**

Microsoft & SAP (TechSaksham Program) | January 2025

* Mastered advanced AI technologies and machine learning frameworks through intensive training program.
* Collaborated with industry professionals to implement real-world AI solutions.
* Developed practical skills in data preprocessing, model development, and performance optimization.

**ACADEMIC PROJECTS**

**KPMG Customer Analytics Dashboard |** [**Project Link**](https://github.com/SachinRawat1604/KMPG-Data-Analysis.git)

* Spearheaded end-to-end data analysis project using Python and Power BI to analyze customer behavior patterns.
* Engineered data preprocessing pipeline using Pandas to clean and transform 10,000+ customer records.
* Developed interactive Power BI dashboard visualizing key metrics including customer segmentation, purchase patterns, and demographic trends.
* Implemented advanced data cleaning algorithms resulting in 95% data quality improvement.
* Generated actionable insights leading to targeted recommendations for revenue optimization.
* **Technologies:** Python (Pandas, NumPy, Matplotlib, Seaborn), Power BI, Excel

**Boston Housing Price Prediction Model | [Project Link](https://github.com/SachinRawat1604/Machine-Learning-Models/tree/main/Linear%20Regression%20Project)**

* Architected machine learning pipeline to predict housing prices using Linear Regression.
* Performed comprehensive exploratory data analysis (EDA) to identify crucial price-influencing factors.
* Engineered feature selection process to optimize model performance, achieving 85% R-squared score.
* Created compelling data visualizations using Matplotlib and Seaborn to communicate findings.
* Implemented data preprocessing workflows using Pandas and NumPy for robust model input.
* **Technologies:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), Excel

**TECHNICAL SKILLS**

* **Data Analysis:** Python, Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel
* **Programming:** Python, SQL, C/C++
* **Frameworks:** Django, Streamlit
* **Development Tools:** Git, MySQL, Visual Studio Code, Anaconda
* **Core Competencies:** Statistical Analysis, Data Visualization, Machine Learning, ETL Processes, Database Management

**CERTIFICATIONS**

* Full Stack Web Development (Brillica Services)
* NumPy and Pandas Fundamentals (Infosys Springboard)
* Django Basics (Infosys Springboard)

**PROFESSIONAL DEVELOPMENT**

* **Flipkart GRiD 6.0:** Competed in Software Development Track, focusing on scalable solutions.
* **KPMG Hackathon:** Participated in Capture the Flag competition, demonstrating problem-solving skills.