SACHIN RAWAT

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CAREER OBJECTIVE

Detail-oriented computer science engineering graduate with hands-on experience in data analysis, statistical modeling, and business intelligence seeking a data analyst role. Proven ability to work with large datasets, perform statistical tests, and create actionable insights through data visualization and predictive modeling.

EDUCATION

- **Bachelor of Technology in Computer Science & Engineering**
  Uttaranchal University, Uttaranchal Institute of Technology | Graduated: June 2025

PROFESSIONAL EXPERIENCE

AI & Machine Learning Intern
Microsoft & SAP - TechSaksham Program (Edunet Foundation) | January 2025

- Applied scientific methods to build and evaluate machine learning models for real-world problems.
- Collaborated with industry mentors and peers to design scalable AI solutions.
- Gained hands-on experience in data preprocessing, model development, and performance tuning.
- Delivered presentations on project outcomes during review sessions with professionals.

ACADEMIC PROJECTS

KPMG Business Intelligence Dashboard & Data Analysis | GitHub Link

- Performed comprehensive exploratory data analysis (EDA) on a multi-sheet business dataset containing customer demographics, transactions, and customer address data.
- Built interactive Power BI dashboard for business decision-making, revenue trend analysis, and performance metrics visualization.
- Implemented a data preprocessing pipeline using Python (Pandas, NumPy) to clean, merge, and aggregate datasets from multiple sources.
- Generated customer segmentation insights and identified high-value customer opportunities through statistical analysis.
- Created data visualizations using Matplotlib and Seaborn to communicate key business findings and recommendations.
- **Technologies:** Python (Pandas, NumPy, Matplotlib, Seaborn), Power BI, Excel, Jupyter Notebook

Boston Housing Price Prediction Model | GitHub Link

- Designed a complete ML pipeline using linear regression to predict housing prices with an ~85% R^2 score.
- Applied EDA techniques to identify key influencing features.
- Used scientific approaches and iterative model tuning to optimize performance and validate results.
- Visualized data and results using Matplotlib and Seaborn for clear stakeholder communication.
- **Technologies:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), Excel, Jupyter Notebook

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, C/C++
- **Frameworks & Tools:** Django, Flask, Streamlit, Git, MySQL, Anaconda, Visual Studio Code
- **Data Analysis & ML:** Pandas, NumPy, Matplotlib, Scikit-learn, Excel, Power BI, Data Modeling
- **Core Competencies:** Software Engineering, Data Visualization, Database Management, Data Understanding, EDA
- **Soft Skills:** Verbal & Written Communication, Problem-Solving, Time Management, Team Collaboration, Teamwork

CERTIFICATIONS

- Full Stack Web Development (Brillica Services)
- Unpacking NumPy and Pandas (Infosys Springboard)
- Career Essentials in Data Analysis by Microsoft and LinkedIn (LinkedIn Learning)