

Utkarsh Misra

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Professional Summary

Motivated MSc Data Science student with BSc in Statistics. Proficient in Python, SQL, ML, statistical modeling, and data visualization. Experienced in team leadership and delivering hands-on projects that solve real-world problems.

Technical Skills

Languages: Python, SQL, R, Java
ML & Data: Supervised/Unsupervised Learning, Predictive Modeling, Time Series, Statistical Modeling
Tools & Cloud: AWS, SSIS, Tableau, Power BI, Excel, Jupyter Notebook, Git
Soft Skills: Leadership, Communication, Analytical Thinking, Adaptability

Education

CHRIST University, Bangalore MSc Data Science, 2024 – Present
Overall: 82%
University of Lucknow B.Sc. (Hons.) Statistics, 2020 – 2023
Percentage: 74%
City Montessori School Class 12: 88.5% (2020), Class 10: 88.0% (2018)

Work Experience

Data Science Intern – Centricity Apr – Jul 2025
Gained experience in financial data analysis, client onboarding, and CRM systems. Learned mutual funds and investment strategies.

Projects

Green AI Comparometer
Web tool to compare carbon emissions of ML/DL models with reports and optimization suggestions. **Skills:** Python, ML, Data Analysis
Colorectal Cancer Detection
Built ANN/deep learning models to classify colorectal cancer. Evaluated accuracy, precision, recall. **Skills:** Python, ML, Deep Learning
Mars Terrain Analysis (DL & Sustainability)
Applied deep learning on Mars terrain dataset. Tracked carbon footprint with eco2AI, CodeCarbon, Carbon-Tracker. **Skills:** Python, DL, Sustainability Analysis
Food Coded Preferences Analysis
Exploratory analysis on food preferences and lifestyle data. **Skills:** Python, Data Analysis, Visualization

Certifications

AWS Academy Cloud Foundations
Applied Generative AI – Infosys Springboard
Intel Unnati – Get Started with Gen AI

Leadership & Volunteering

Class Representative – CHRIST University
Coordinated faculty-student communications and planned industrial visits.
Vice Secretary – IEEE Student Branch
Organized technical events and facilitated peer collaboration.

Achievements

Secured 1st and 2nd place in tech/statistics events at Tilasto.
Ongoing research on Green AI and ML/DL carbon footprint reduction.