

# Rohit Akole

[rohit.akole@uconn.edu](mailto:rohit.akole@uconn.edu) | [rohitakole50.github.io](https://github.com/rohitakole50) | (959) 223 0185

## SUMMARY

Data Science graduate student with hands-on experience in fast-paced startup environments, data integration, and machine learning. Founder of Modlee AI/ML Student Club. Ranked 26th of 289 in the Humana-Mays competition, showcasing leadership in solving complex data challenges.

## EDUCATION

<b>University of Connecticut, Graduate School of Business, Hartford, CT</b> <i>Master of Science (M.S.), Business Analytics and Project Management</i> <i>Concentration: Data Science</i>	May 2025
<b>University of Bridgeport, School of Engineering, Bridgeport, CT</b> <i>Master of Science (M.S.), Technology Management</i>	May 2019
<b>North Maharashtra University, School of Management, Jalgaon, India</b> <i>Bachelor of Business Management</i>	May 2015

## BUSINESS & ACADEMIC PROJECT EXPERIENCE

**Data Science Associate Intern, Alō Index** Jan 2025 – Present

- **Automated** data integration from **10+ sustainability certifications** using Python, enriching ESG profiles for 1,000+ hotels and improving data accuracy through verified matches.
- Mapped certification criteria to 200+ evaluation questions, enabling **dynamic pre-filling that saved hours of manual work** per hotel and enhanced platform usability.
- Collaborated closely with the **founders and stakeholders** on product strategy and data-driven decisions, gaining direct exposure to leadership in a **high-paced startup environment**.

**Data Science Capstone Consultant – Stanley Black & Decker, University of Connecticut** Jan 2025 – Present

- Forecasting 12-month warranty claim volumes and costs using **time series modeling** on 5 years of historical data (**~375K claims, 1.6M+ rows**) to support strategic planning.
- Leveraging **LLM-based text mining** on dealer communications (diagnosis and repair fields) to identify recurring issues and extract actionable insights.
- Developed an **interactive Tableau dashboard** to present historical trends, forecast outputs, and text-driven visualizations (e.g., word clouds) for cross-functional use.

**Graduate Teaching Assistant – Introduction to Deep Learning, University of Connecticut** Jan 2025 – Present

- Evaluated graduate-level assignments with a focus on **code quality, model performance, and documentation**.
- Delivered individualized, constructive feedback to **support student learning and model implementation best practices**.
- Collaborated with the teaching team to maintain academic standards and ensure timely grading cycles.

**President and Founder, Modlee AI/ML Student Club, University of Connecticut** Sept 2024 – Present

- **Founded** and led the Modlee AI/ML Student Club (MAIC), creating a collaborative platform for students of all backgrounds to explore AI and machine learning.
- Organized **hackathons, competitive events and projects**, providing members with hands-on experience and industry insights through **events featuring AI/ML professionals**.
- **Featured twice in Student Highlights** by the University for leadership and dedication to **fostering a supportive, innovative learning environment** in AI/ML.

**Project on Insurance Fraud Detection Using AI/ML Libraries** (Python, Colab, Decision Tree, Random Forest)

- Improved detection of **fraudulent insurance claims** from dataset of over **50,000 records**, minimizing financial losses.
- Collaborated with a team of 4 to **iterate ML models** and performed **feature extraction**, enhancing **model performance**.
- Achieved **92% precision** and **88% recall**, with the final Random Forest model reducing false positives by 20% and increasing fraud detection by 25%.

## TECHNICAL SKILLS & CERTIFICATIONS

- **Programming:** Python, SQL, Machine Learning, R Programming, HTML5, CSS3
- **Tools:** PyCharm, Jupyter Notebook, Tableau, GitHub, SAS Studio & Miner, SQL Server, Visio, Excel, Access, SAS JMP
- **Certifications:** IBM Data Science, professional certification by IBM on Coursera, 2021; IBM Data Analyst, professional certification by IBM on Coursera, 2022