

Rohan Reddy Marri

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Profile Summary

Data Science graduate student skilled in Python, SQL, and Machine Learning with hands-on experience developing predictive models and data dashboards. Passionate about using data-driven insights to solve real-world problems in AI and analytics.

Education

University of New Haven – West Haven, Connecticut

Master of Science in Data Science (Aug 2024 – Expected May 2026)

Loyola Academy – Hyderabad, India

Bachelor of Technology in Computer Science and Artificial Intelligence (Aug 2021 – May 2024)

Experience & Projects

Data Analyst (Academic Project) - University of New Haven, CT

Healthcare Cost Transparency | Python, AWS, Power BI

- Built an **AWS-based pipeline** and Power BI dashboards to analyze student healthcare costs.
- Improved cost prediction accuracy and enabled data-driven decision-making.

Machine Learning Researcher (Academic Project) - University of New Haven, CT

Appliances Energy Analysis | Python, ML

- Modeled **household energy usage** using ML algorithms.
- Enhanced prediction efficiency by **20%** for smart energy optimization.

AI Project Lead (Academic Project) – Loyola Academy, Telangana

Facial Recognition Attendance System | OpenCV, Deep Learning

- Led a **4 member** team to automate attendance using CNN based facial recognition.
- Achieved **95% detection accuracy** and reduced manual work by **90%**.

Data Analyst (Academic Project) – Loyola Academy, Telangana

Android Malware Detection | Python, Deep Learning

- Built a **neural network model** to classify Android malware.
 - Boosted detection accuracy by **18%** through optimized feature extraction.
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Technical Skills

Languages: Python, SQL, C, C++, HTML, CSS

Frameworks & Libraries: TensorFlow, PyTorch, Scikit-learn, Pandas, Numpy

Tools & Platforms: AWS, Power BI, Tableau, Git, VS Code

Expertise Areas: Machine Learning, Data Analysis, Visualization, Deep Learning, AI Systems

Portfolio

Website: rohanreddy-marri.github.io/rohanreddymarri.github.io