

Rajnish Yadav

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Education

Indian Institute of Technology Madras

May 2025 – Present

BS in Data Science and Applications

Foundation Level completed (December 2025); Currently enrolled in Diploma Level

Technical Skills

- **Programming:** Python
- **Core Computer Science:** Data Structures and Algorithms (beginner level)
- **Mathematics:** Probability, Statistics, Linear Algebra
- **Tools:** GitHub, Visual Studio Code (learning), Git (basic)

Projects

Python Foundations Repository

github.com/yrajnishds/python-foundations

- Structured repository documenting Python fundamentals for Data Science preparation.
- Implemented programming constructs including conditionals, loops, functions, and core data structures.
- Organized code into modular folders and maintained clean, descriptive commit history.

Experience

Independent Learner – Data Science

Jan 2026 – Present

Self-directed Learning (Remote)

- Structured self-learning in Python, Data Structures & Algorithms, and Mathematics for Data Science alongside the IIT Madras BS program.
- Applied problem solving based on coursework from the IIT Madras Data Science curriculum.
- Documenting learning progress through public GitHub repositories.

Academic Interests

Data Science, Machine Learning, Mathematical Foundations of Artificial Intelligence, Algorithmic Thinking

Career Objective

Aspiring to pursue MS/PhD through GATE DA and contribute to research-oriented work in Data Science and Artificial Intelligence.