

Ishika Tomar

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Recent B.Sc. Data Science graduate with strong knowledge of Data Science, Machine Learning, Statistics, and Predictive Analytics. Experienced in collecting, cleaning, analyzing, and visualizing structured and unstructured data using Python, SQL, Pandas, NumPy, and Scikit-Learn. Built multiple end-to-end machine learning projects involving classification, regression, recommendation systems, and natural language processing. Passionate about transforming complex datasets into actionable business insights through data-driven decision making and continuously expanding expertise in Artificial Intelligence and Generative AI

Willing to relocate to: Ahmedabad, Gujarat - Noida, Uttar Pradesh - Delhi

Work Experience

Machine Learning Intern

Unified Mentor Pvt Ltd-New Delhi

Internship

August 2025 to October 2025

Description of Work:

- Developed and implemented Machine Learning models for projects like Sentiment Analysis, Image Classification, and Recommendation Systems.
- Performed data preprocessing, feature engineering, and model evaluation using Python, Pandas, NumPy, and Scikit-learn.
- Collaborated with team members to analyze datasets, optimize algorithms, and improve model accuracy.
- Gained hands-on experience in real-world data problem-solving, predictive modeling, and model deployment concepts.
- Documented project workflows and presented findings, improving team understanding and project efficiency.

Key Achievements:

- Achieved 85% accuracy in Sentiment Analysis and 92% accuracy in Image Classification.
- Contributed to building a Recommendation System that enhanced predictive user suggestions.

Education

Data Science (Bachelor's degree)

IIMT Engineering College-Meerut

September 2023 to Present

B.Sc

Skills / IT Skills

- Natural language processing

- Communication skills
- Machine learning
- Keras
- Scikit-learn
- C
- MySQL
- SQL
- Generative AI
- R
- Data Engineering
- AI
- NumPy
- Computer vision
- MATLAB
- Recurrent Neural Networks
- Python
- Big data
- Java
- TensorFlow
- OpenCV
- Clustering
- Data science
- Deep learning
- LLM
- Image processing
- Pandas
- Data structures
- Probability and Statistics
- YOLO

Languages

- English

Certifications and Licenses

Internet of Things (IoT) - NPTEL

April 2025 to Present

- Learned IoT architecture, sensors, connectivity, and real-world applications in modern systems.

Differential Equations for Engineers - NPTEL

October 2024 to Present

Completed a course on ordinary and partial differential equations, focusing on techniques applicable to engineering and data science problems.

Probability and Statistics - IIT Kanpur

December 2023 to Present

Gained expertise in probability theory, statistical analysis, and data interpretation, essential for machine learning and analytics.

Neural Networks for Computer Vision and Natural Language Processing :NPTEL