

Keya Dobriyal

Data Scientist | Machine Learning

Enthusiast | Predictive Analytics

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Professional Summary

Aspiring Data Scientist with a strong foundation in Computer Science and a specialization in Data Science. Passionate about transforming raw data into actionable insights through statistical modeling, machine learning, and intuitive visualization. Experienced in building predictive models and end-to-end data pipelines. Proven ability to communicate complex technical findings to non-technical stakeholders through data storytelling. Transforming raw data into visual stories. Smarter systems by bridging gap between complex algorithms and human insights using Machine Learning.

Education & Training

Schooling:

- Bhavan' s Rajaji Vidhyashram, Chennai, Tamilnadu (Pre-Primary - CBSE)
- Lakshya International School, Kakinada, Andhra Pradesh (Secondary - CBSE)
- The Asian School, Dehradun, Uttarakhand (Higher Secondary - CBSE)

University:

- Amity University, Noida, Uttar Pradesh
Bachelors in Engineering (Computer Science with Honors in Data Science - 5th Semester)

Professional Skills

- Research Methodologies
- Statistical Analysis
- Python, R Programming
- Data Visualization
- Machine Learning
- Predictive Modeling

Soft Skills

- Communicative & Story Teller
- Business Accumen
- Problem Solving & Critical Thinker
- Curious with Intellectual Humility
- Collaborative & Team Worker
- Adaptable to Environment

Self-evaluation

Highly motivated and adaptable Data Scientist with a strong foundation in logical thinking and problem-solving. A natural collaborator, I excel at communicating complex ideas to drive team efficiency and proactively resolve challenges. My positive attitude and proactive communication style allow me to quickly integrate into new teams and deliver results. Always eager to leverage my analytical skills and a can-do attitude to make an immediate impact on a fast-paced team.

Technical Certification

Coursera:

- Statistics with Python:** Michigan University
- Data Science Professional Certificate:** IBM
- Data Analytics Professional Certificate:** IBM
- Machine Learning Professional Certificate:** IBM
- Applied Data Science with R:** IBM (Currently upskilling)

Amazon Web Service:

- AWS Academy Graduate** - Cloud Computing Practitioner

Udemy:

- C Programming for Beginners**
- Data Science with Quantum Computing**
- Machine Learning, Artificial Intelligence using Python and R**

Publication & Technical Writing

Medium Technical Author: Frequently publishes tutorials on Data Science and Machine Learning.

Inferential Statistics using Python: The Art of Capture: Decoding the pulse of a sample to make the population talk sense.

Descriptive Statistics using Python: Exploring data "pulse" and capturing distribution insights.

Data Visualization using Python: A 3-part comprehensive guide on generating 30+ plots using Matplotlib and Seaborn.

ML Project Deep Dives: End-to-end lifecycle of Malware Detection and Recommendation Systems.

Application Development: A Smart Carpooling Application — Engineering a Greener, Secure, Sustainable, and Female-Friendly Digital Transit Commute

Kaggle Playground Competition

Kaggle Python Coder and Playground Competitor:

- Diabetes Prediction Challenge:** December 2025 - Ranked 2330 out of 4206 on leader board
- Predicting Student Test Scores:** January 2026 - Ranked 646 out of 4317 on leader board
- Predicting Heart Disease:** February 2026 - Ranked 151 out of 4370 on leader board
- Predicting Customer Churn:** March 2026 - currently 497 out of 1230 team

Extra Curricular Activity

- Hackathon:** Certification of participation in CyberCup Amity University, 2025
- Certificate of Volunteering:** Confluence Amity University, 2026
- Model United Nations:** Certificate of participation in DRSMUN, 2019