



**Welcome to the AI Training
Program**

Meet Your Mentor – Mr. Prince Karna

Educator / AI & IT Professional / Youth Mentor / Project Supervisor / Social Activist

Key Highlights:

- - Supervised AI/ML projects (chatbots, image classifiers, etc.)
- - EMIS & IT Officer at Kathmandu Model College-TU
- - Led student tech events, hackathons, and innovation challenges
- - Collaborated with NGOs/INGOs on tech for good
- - Skilled in Python, Scikit-learn, TensorFlow, GitHub, etc.

My AI Journey

- Started with a passion for coding and education
- Explored AI through teaching, mentoring, and projects
- Learned by doing – building real applications
- Believe AI is a tool for transformation
- Now sharing that knowledge to inspire youth

Why AI, Why Now?

- AI is transforming industries globally
- From self-driving cars to YouTube suggestions – it's everywhere
- AI is a future-proof skill with global demand
- Nepal needs creators and solvers – that's YOU

“You're not just learning to code – you're learning to create the future.”

Training Roadmap

1. Intro to AI, ML & Data Understand fundamentals & Python
 2. Machine Learning Basics.....Build your first ML model
 3. Deep Learning & Neural Nets....Understand CNNs & intro to NLP
 4. AI Applications + Final Project..... Build real-world AI solutions
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- - Mix of theory & hands-on work
 - - Weekly assignments, Fun & final showcase


Introduction to AI

- - What is AI?
 - Machines that mimic human intelligence
- Types of AI:
 - Narrow AI (e.g., Siri, Google Maps)
 - General AI (human-like, future)
 - Super AI (superior to humans)
- Fields:
 - ML, NLP, Computer Vision, Robotics
- Examples:
 - ChatGPT, Netflix, Google Photos, Hospitals, Self-driving cars

How do you think AI could change your life or the world
around you?

<https://youtu.be/RNnZwvklwa8?si=kZkNU2F17NkwjgqE>

Icebreaker Activity

-  Discuss: 'If you could solve one problem using AI, what would it be?'

How can AI help people work better and smarter rather than replace them?

<https://youtu.be/FwOTs4UxQS4?si=WvrrgyZficA0Lxj>

AI Ethics & Responsibility

AI Can Be Creative and Fun

“AI isn’t just about logic and numbers — it’s also about *imagination*. You can use it to create, express, and innovate.”

Wrap-Up & Expectations

- - Show up daily with curiosity
 - - Respect all opinions
 - - Help each other
 - - No judgment zone
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- Final Goal: Build something you're proud of by the end!

Let's Begin!

You're not just learning AI—you're
preparing to shape the future.