

AI Beginners Curriculum

1 Intro to AI

- Human Intelligence Vs Artificial Intelligence
- Can a machine think?
- Can a machine learn?
- How does AI work?
- What is AI?
- AI around us
- AI Domains -Data, Computer vision, NLP

2 AI Terminologies

- What is Data?
- Data Features, Training Data, Testing Data
- Types of ML
- Modelling – Supervised, Unsupervised, Reinforcement learning
- Usages of these models
- Applications of ML
- Artificial Neural Networks
- Deep Learning
- Applications of DL

3 AI in our daily life

- Image recognition
- Speech recognition
- Data/Text recognition

4 Intro to Block Based Programming

- Intro to Coding Editor
- Coding Blocks
- Variable and lists
- Extension

5 ML Activities

- Activity 1
- Activity 2
- Activity 3
- Activity 4
- Activity 5

6 Assessments

- Project Activity

