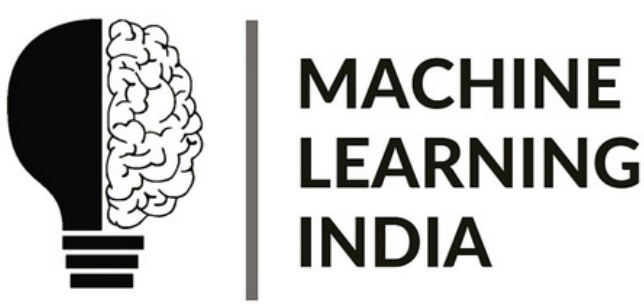
MACHINE LEARNING

INDIA

Getting started with Machine Learning

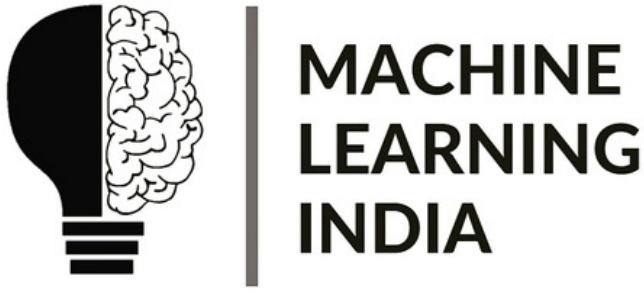
Step 1: Adjust Mindset.
Believe you can practice and apply machine learning.
Everything becomes a lot easier when you love it.



Getting started with Machine Learning

Step 2: Select a tool for your level, master it, and map it onto your process.

Beginner: Weka Workbench
Intermediate: Python Ecosystem
Advanced: R Platform



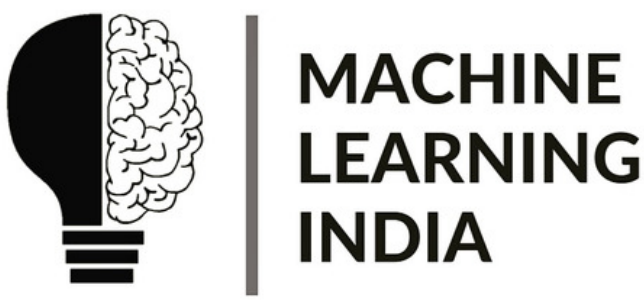
Getting started with Machine Learning

Step 3: Master the fundamentals of linear algebra, calculus, graph theory, statistics and probability. Don't panic. A lot of courses and resources are available on the internet.

MACHINE
LEARNING
INDIA

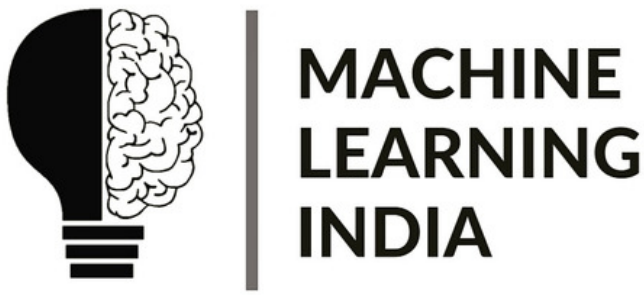
Getting started with Machine Learning

Step 4: Take up a good course, on any of the online tech-education platforms like Coursera, Udemy, Edx or Udacity. Read good books, they accelerate the process.



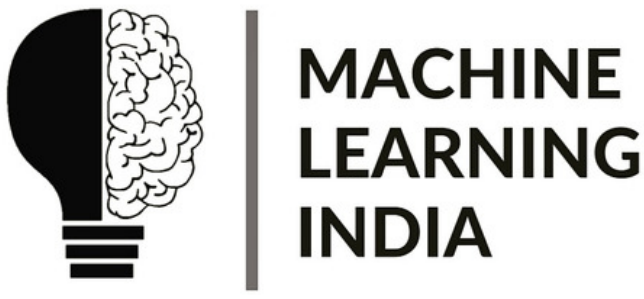
Getting started with Machine Learning

Step 5: Start working on simple projects; use small in-memory datasets. Something as basic as linear-regression based stock value prediction, or logistic-regression based binary classification, works.



Getting started with Machine Learning

Step 6: Practice regularly. Gain a good understanding of all popularly used algorithms and optimization techniques. Participate in online machine-learning contests or hackathons. Gather results and create a strong portfolio.



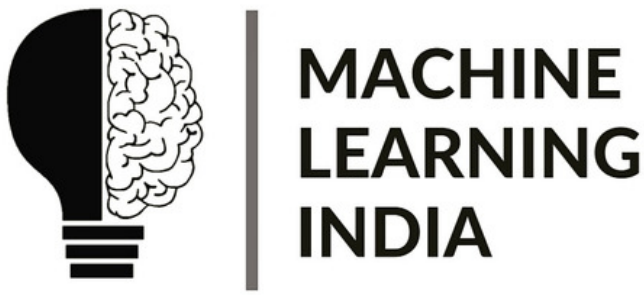
Getting started with Machine Learning

Step 7: Study different types Neural Networks and where they are applied. Master multi-layer perceptron NNs, Convolutional NNs, Recurrent NNs, Adversarial NNs, Capsule NNs, Boltzmann machines, etc.

MACHINE
LEARNING
INDIA

Getting started with Machine Learning

Step 8: Work on projects in the domains of computer vision, natural language processing, game playing, robotics, etc. Maintain a good GitHub profile. Keep your LinkedIn updated with all the projects you work on.



Getting started with Machine Learning

Step 9: Congratulations! You are all set to secure a good job in an amazing company; or to work as a freelancer in the machine-learning domain, confidently. Thank us later!