

JRL ML resources

Basics:

- [ML Playlist complete](#)
“Machine learning for everybody”, “tensorflow”, “pytorch” vids are must see for basics of ml. Baaki watch as per your interests.
- [Machine Learning Course for Beginners](#)
*highly recommended
- [Campus X playlist](#)
Good for learning theoretical concepts
- [Campus X basic practice projects](#)
Coding stuff- watch if you want to try out practical implementation.
- https://github.com/vedantkesharia/ML_practice1
Practice projects
- [Deep Learning Indepth Tutorials In 5 Hours With Krish Naik](#) (Neural Networks and other deep learning concepts)

Advanced Stuff (ONLY watch if fundamentals are clear):

- **Neural Networks**
[Neural Networks Playlist Andrej Karpathy](#)
[NN theoretical concepts playlist](#)
- **Gans based**
 - [What Are GANs? | Generative Adversarial Networks Tutorial | Deep Learning T...](#)
<https://developers.google.com/static/machine-learning/gan/>
 - **MIT 6.S191 (2023): Deep Generative Modeling**
[Colab notebook on Deep Convolutional Generative Adversarial Network](#)
 - [Build a Generative Adversarial Neural Network with Tensorflow and Python | D...](#)
(really good vid on gans!! Also this guy has several good vids [@NicholasRenotte](#))
 - [Image Generation using GANs | Deep Learning with PyTorch \(6/6\)](#)
(image generation ka project)
- **LLMS**
 - [Low Level Technicals of LLMs: Daniel Han](#)
[Getting started with langchain](#)
[LLMs with Langchain](#)
<https://github.com/mlabonne/llm-course>
<https://reentry.org/llm-training>
<https://github.com/naklecha/llama3-from-scratch>

- **Computer Vision**

- ▶ **OpenCV Course - Full Tutorial with Python**

- [CV and image processing playlist](#) (sab mat dekho concepts samjo, projects wala dekho)

- ▶ Build an AI/ML Football Analysis system with YOLO, OpenCV, and Python (pretty interesting project, you can search for more yt pe theres plenty!)

- **NLP**

- [NLP playlist codebasics](#)

- **Miscellaneous**

- Vision Language Model:

- <https://huggingface.co/blog/AviSoori1x/seemore-vision-language-model>

- https://github.com/VikParuchuri/zero_to_gpt?tab=readme-ov-file