**Resources for Projects**

VS Code setup [[link](https://code.visualstudio.com/docs/python/python-tutorial)]

Git intro fast [[link](https://www.youtube.com/watch?v=mJ-qvsxPHpY)]

Very basic Intro to just get started [[link](https://www.ibm.com/topics/neural-networks)]

1. Intro to Python: [Python oneshot](https://youtu.be/kqtD5dpn9C8?si=X5d9wKwzbL9TKG1g)
2. Numpy: [Numpy](https://www.youtube.com/playlist?list=PLCC34OHNcOtpalASMlX2HHdsLNipyyhbK) (only the first 5 are enough)
3. Intro to Neural Networks: [Intro (Lec 1-4)](https://www.youtube.com/playlist?list=PLZHQObOWTQDNU6R1_67000Dx_ZCJB-3pi) [Basic (Till Lec 7)](https://www.youtube.com/playlist?list=PLblh5JKOoLUIxGDQs4LFFD--41Vzf-ME1) [Advance (Lec 2, 3, 11, 12)](https://www.youtube.com/playlist?list=PLoROMvodv4rMiGQp3WXShtMGgzqpfVfbU)
4. Frameworks(Only for handling data,Not for implementing the Backpropagation and others):
   1. [TensorFlow oneshot](https://youtu.be/tPYj3fFJGjk?si=BRX4kBVKbebMQvRT), [Documentation](https://www.tensorflow.org/api_docs/python/tf/all_symbols)
   2. [PyTorch oneshot](https://youtu.be/OIenNRt2bjg?si=S-ztODUWLH4J21Us), [Documentation](https://pytorch.org/docs/stable/index.html)
5. No Framework Implementation: [From Scratch](https://youtu.be/w8yWXqWQYmU?si=z3xmkDCzZh-mR8Yt)
6. Convolutional NN Theory: [3B1B](https://youtu.be/KuXjwB4LzSA?si=3SAk9yNssIfcSE6E), [StatQuest](https://youtu.be/HGwBXDKFk9I?si=F3W6rDFxDVv7HOne)
7. ChatGPT🙂: [GPT](https://youtu.be/eF1FlTGMWWo?si=bs2SfpzxGqXO6h5I)

<https://scikit-learn.org/1.5/modules/neural_networks_supervised.html>

<https://towardsdatascience.com/building-a-neural-network-from-scratch-8f03c5c50adc>