**Neural Network Notes**

| **Cheatsheet** | [NN Cheat Sheet.pdf](https://drive.google.com/open?id=1zwEjBQQe746X_4xVkFYhMRVrnVwKMteL) |
| --- | --- |
| **Consolidated Notes - Docs** | [SummaryNotes-NN-Final.pdf](https://drive.google.com/open?id=1Yz_B73qLIPTjdFXPaBS_sTAnoceYEUqH) |
| **Consolidated Colab** | [NN.ipynb](https://drive.google.com/open?id=17nqEOH7mJlXHcjS5EPEUgSPOCIBREMqk) |

| **Lecture Name** | **Revision notes** |
| --- | --- |
| IntroNN | [01-IntrotoNN-RevisionNotes.ipynb](https://colab.research.google.com/drive/1WhwNXJF9WWfGnmz75KH3QcN-mNP5nipw?usp=drive_link) |
| ForwardBackwardProp | [02-ForwardAndBackprop-RevisionNotes.ipynb](https://colab.research.google.com/drive/12xX2Ex05fr4lij4GWDhQkPe6cB1j7GUq?usp=drive_link) |
| Nlayer-1 | [03-04-Nlayer-RevisionNotes.ipynb](https://colab.research.google.com/drive/1L_1pCeoAjCyjMDcZ8EQBS3TWr9ijNDcN?usp=drive_link) |
| Nlayer-2 |
| Nlayer-Backprop | [05-BackPropagationNLayer-RevisionNotes.ipynb](https://colab.research.google.com/drive/1xy97N5zb1jEGgT2KfizDR5UjidMME9-M?usp=drive_link) |
| Tensorflow-1 | [06-TensorflowKeras1-RevisionNotes.ipynb](https://colab.research.google.com/drive/1--DTrYz0PTudn-WDLyeRLtwy3W2gYbo6?usp=drive_link) |
| Tensorflow-2 | [07-TensorflowKeras-2-RevisionNotes.ipynb](https://colab.research.google.com/drive/1uL0cuNO2pcq3UT4SyvZZaceNjFgcNQgy?usp=drive_link) |
| Optimizers | [08-Optimisers-RevisionNotes.ipynb](https://colab.research.google.com/drive/1P-zOrbiuy_RGZz1H5fV20M7u2Hm1_0Gw?usp=drive_link) |
| Hyperparameters | [09-NN-HyperparameterTuning-RevisionNotes.ipynb](https://colab.research.google.com/drive/1SsoL6j_xuixJi838gjykde6iu3ouqCJ9?usp=drive_link) |
| AutoEncoder | [10-Autoencoders-RevisionNotes.ipynb](https://colab.research.google.com/drive/1hX-_kR0WW3xfmROLmz-gA2balE78wlQt?usp=drive_link) |
| PracticalAspects | [11-PracticalAspectsOfNN-RevisionNotes.ipynb](https://colab.research.google.com/drive/1h1MXIzXAK8DZrVmDICWzsM4PO-kMl1fW?usp=drive_link) |
| LIME | [12-LimeUsingTabularData-RevisionNotes.ipynb](https://colab.research.google.com/drive/1tfSw22kAC4LZQ2pA7F5JlfmtuVKQftP8?usp=drive_link) |