S No	Date	Topic Name	Temp Link / Actual Link	Directory Link	External references and links shared in class	Assignment	More Python Coding references	Status	
1	3 Sep 2022	Introduction to Computer Vision | Understanding image data | Simple Convolution Operation	https://learn.ineuron.ai/lesson/3rd-Sept-Live-Class-Introduction-to-Computer-Vision-%7C-Understanding-image-data-%7C-Simple-Convolution-Operation/631358aff5fba766cb9cb5fe/course/Full-Stack-Data-Science-Nov'21-Batch/61b30b40b733d139bc0e7ffb#	https://drive.google.com/drive/u/2/folders/1QaygwC7m2iR-8-EQe8O9x6tpPvjlwwpp	Colab: https://colab.research.google.com/drive/1gPnkjn2EEjS09n7Jf0c--K43CUKqEfrL?usp=sharing			All done	If you wish to connect then here are my profiles - Linkedin - https://www.linkedin.com/in/c17hawke Youtube - https://www.youtube.com/c/c17hawke GitHub - https://github.com/c17hawke
2	4 Sep 2022	CNN Theory | Practical on Conv and Pooling using Tensorflow	https://learn.ineuron.ai/lesson/4th-Sept-Live-Class-CNN-Theory-%7C-Practical-on-Conv-and-Pooling-using-Tensorflow/6314b94addd217da3f78e8a3/course/Full-Stack-Data-Science-Nov'21-Batch/61b30b40b733d139bc0e7ffb	https://drive.google.com/drive/u/2/folders/1pduYCCSjg-BBzhN8aYdDiRW-yvtNGhtK	Colab: https://colab.research.google.com/drive/1vc4bbsSOBUfLjM58MDoplZzPNex5lR1C?usp=sharing			All notes and slide reference are in colab notebook	
3	10 Sep 2022	Transfer Learning | our 1st CNN model | Comparision between ANN and CNN	https://learn.ineuron.ai/lesson/10th-Sept-Live-Class-Transfer-Learning-%7C-1st-CNN-model-%7C-Comparision-between-ANN-and-CNN/631caade110eab0681a7ef3d/course/Full-Stack-Data-Science-Nov'21-Batch/61b30b40b733d139bc0e7ffb	https://drive.google.com/drive/u/2/folders/1DyDr4Vf4tzHBr14ioa5gnC_EgCtf2J_G	Colab: https://colab.research.google.com/drive/1jDQZwwUV6AWgeqNwBQpdeKyEZXPW1EpA?usp=sharing		**How to create well-tested python packages: https://youtube.com/playlist?list=PLrdaCCBhU_hlLUujFA5KUjb3yathXilut**	All done	
4	11 Sep 2022	MLOps techniques on CNN model		https://drive.google.com/drive/u/2/folders/1_eKykZsFxo7adVKQBJ4dwQinBkij_LvP	GitHub Link: https://github.com/c17hawke/FSDS_NOV_deepCNNClassifier	Add components created in the notebook available in the github repo to python package deepClassifier	Decorator video - https://youtu.be/xMYrpEwNtHs Ensure video - https://youtu.be/roO5VGxOw2s		
5	17 Sep 2022	MLOps techniques on CNN model - 2			GitHub Link: https://github.com/c17hawke/FSDS_NOV_deepCNNClassifier				
	18 Sep 2022	MLOps techniques on CNN model - 3			GitHub Link: https://github.com/c17hawke/FSDS_NOV_deepCNNClassifier				
	24 Sep 2022	MLOps techniques on CNN model - 4			GitHub Link: https://github.com/c17hawke/FSDS_NOV_deepCNNClassifier				
	25 Sep 2022	MLOps techniques on CNN model - 5			GitHub Link: https://github.com/c17hawke/FSDS_NOV_deepCNNClassifier				
	27 Sep 2022	Doubt session link							

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	1 Oct 2022	LENET | ALEXNET		https://drive.google.com/drive/folders/19z0MLIlv87TE2gH-ABYsvz975HhZgVF7	https://papers.nips.cc/paper/2012/file/c399862d3b9d6b76c8436e924a68c45b-Paper.pdf http://yann.lecun.com/exdb/publis/pdf/lecun-98.pdf https://jovian.ai/paulbindass/convolutional-neural-network-world			
	8 Oct 2022	VGG 16 - 19 | LRN		https://drive.google.com/drive/u/1/folders/1NQ3tZk0nuSDBpN9YdcO6ntErLY_3t6Dh	ISLR - https://www.statlearning.com/ mathematics for ML - https://mml-book.github.io/ VGG Paper - https://arxiv.org/abs/1409.1556			
	9 Oct 2022	GoogleNet | ResNet		https://drive.google.com/drive/u/0/folders/1lFEnLA_8vqO78Hg06NdhX2-1ojKMziRa https://github.com/c17hawke/FSDS_NOV_deepCNNClassifier	https://arxiv.org/abs/1409.4842 https://youtu.be/r0vwaqVF_V8 https://arxiv.org/abs/1512.03385	1. Finish wrtiting test cases for CNN app. 2. Go through FSDS Feb ANN lecture - https://learn.ineuron.ai/lesson/Deep-learning-introduction-%7C-Why-Deep-Learning-is-Important--%7C-ANN-into-%7C-Biological-Neuron-%7C-The-first-artificial-neuron-%7C-The-Perceptron-%7C-Basic-Derivation/631f1ed9110eab8110a80295/course/Full-Stack-Data-Science-Nov'21-Batch/61b30b40b733d139bc0e7ffb		
	15 Oct 2022	Object detection basics		https://drive.google.com/drive/u/0/folders/105vkhW1tY3JMRLiKyc1eCYCXGOc5Xqic	model zoo - https://github.com/tensorflow/models/blob/master/research/object_detection/g3doc/tf2_detection_zoo.md Teachable machine - https://teachablemachine.withgoogle.com/			
	16 Oct 2022	YOLO Theory | YOLO V5 implementation		NOTES: https://drive.google.com/drive/u/0/folders/1K3L1g-IHn8rhC6l9iDPVx8kiTeFhH4gQ SLIDES USED: https://docs.google.com/presentation/d/e/2PACX-1vR5Ja8JEyIheOTY-EpBg5BKiDYFw6BpfKlgrj2yxKgZX1ElbO_3RGlyHn9Y8ohSLdw9VJgEEi3iJlV3/pub?start=true&loop=true&delayms=60000&slide=id.p	https://github.com/entbappy/Sign-Language-Generation-From-Video-using-YOLOV5			