Class 01 – 11/07/21

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1. Try to keep time allocated from 10 to 2 pm (4 hours) you can cover at least 70% of your hands-on ( if you stay at 4 pm ) you would be able to finish all of your hands-on work or assignments.
2. Follow the teacher and the book (study book, or class book), you are reading during the class. Don’t read a lot of books and watch a lot of videos
3. Transformation (convert a problem into machine-learning paradigm )
4. (Students can’t even convert a problem into normal programming )
5. Don’t expect perfection (which is rare)
6. Keep moving and keep eating or drinking during class

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* Classification, regression
* Clustering (classification without labeling)
* Classification (multi-class, binary)
* Advance topic ( segmentation, identification (also based on classification or regression)

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Python Deep Learning (Francios)

* apply convnets to image-classification problems
* involving small training datasets, which are the most common use case

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**Today’s working after class ( 11 July 2021)**

1. Open and re-run chapter 2 mnist example (given in the book), If not done, please do it fast.
2. Do Flower classification assignment using dense network and submit the accuracy
3. Assignment 1 (get figures out from the folloing text)
   1. "Try to keep time allocated from 10 to 2 pm (4 hours) you can cover at least 70% of your hands-on ( if you stay at 4 pm ) you would be able to finish all of your hands-on work or assignments.Follow the teacher and the book (study book, or class book), you are reading during the class. Don’t read a lot of books and watch a lot of videos Transformation (convert a problem into machine-learning paradigm ) (Students can’t even convert a problem into normal programming )"

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Q2 AI students! Deep Learning Assignments has been posted. Please start working and submit by next week (last submission date will be announced later). Following GitHub link for the assignments. Please read 'Readme.md' file carefully. Submission link has been also given

<https://github.com/piaic-official/AI-Q2-learning-resources/tree/master/DLAssignments>

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https://www.facebook.com/groups/aic.anees.ahmed

https://www.youtube.com/channel/UCJPaZd7TLd2mb4sZWk2s1KA

https://medium.com/@iamvarman/how-to-calculate-the-number-of-parameters-in-the-cnn-5bd55364d7ca

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<https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRoD9KdKmdKaj58i44EMRsqfV5i-ZfTLrIxoQ&usqp=CAU>

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