**#reading\_group**

Bonjour everyone, first of all thank you for showing your interest in the channel that I am proposing. So, the only reason I wanted this group in first place is that, I believe in learning and helping the community by sharing the knowledge, hence I plan to start a channel for reading. There are a few objectives of the group as mentioned below,

* Pytorch Documentation reading sprints
* Completing ***Introduction to Deep Learning with Pytorch***, Udacity's free course. ***Let's at least make an attempt***.
* I also plan to cover "***The Algorithmic Foundation of Differential Privacy***" book by Cynthia & Aaron
* And most importantly conduct quizzes after the sprint events. I love quizzes. ***They are best to challenge yourself.***

The list is not exhaustive and will include every idea that will make learning feasible and effective. Learning is the objective why we all are here and I want to make everyone's time well spent here on the Udacity Community. Happy Learning !! :)

***Also please note that this group is not an approved group by the Community Managers but an attempt to make learning feasible.***

***P.S. I will be needing some volunteers who can help me in preparing Quizzes.***

**Learning Methodology**

* There are exactly 13 weeks left, starting 17th June, hence I plan to share 13 Weeks calendar. Each week having something for everyone from the above-mentioned objectives, and addition of few more if we are able to cover everything we plan
* During the week students can share their doubts and other who have already read about the topics can help people in dilemma
* There will be some tasks after which we will conduct quizzes, and will give students some time to attempt them. Answers to them will be released after a couple of days
* A Sprint Learning Week will start from Monday and will end on Sunday, a 7-day learning cycle

*Request you all to maintain the learning enthusiasm till August and even after that, and please maintain the decorum of the thread that I will be starting to kick off this group.*

**Learning Content**

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| --- | --- |
| **Objective** | **Amount of Content** |
| Pytorch | 27 packages, and thousands of supporting stack exchange posts to doubts clearing |
| Introduction to Deep Learning with Pytorch | 9 Lessons, with almost 26 hours of video lectures and countless hours of effort |
| The Algorithmic Foundation of Differential Privacy | 13 Chapters, 259 pages of lovingly torturous maths and differential privacy concepts |

***Learning Sprint Week - 1***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Topic | Content to go through | Start Date | End Date | Suggested |
| Pytorch | Package named torch & torch.Tensor | 17th June’19 | 23rd June’19 | Reading as per convenience to complete the sprint |
| Introduction to Deep Learning with Pytorch | Lesson 1 - Welcome Course  Lesson 2 – Introduction to Neural Networks | 17th June’19 | 23rd June’19 | There are 50 videos and in Lesson 2, hence plan for 10 videos daily and 2 days for research on topics and reading any suggested papers |
| The Algorithmic Foundation of Differential Privacy | Chapter 1 - The Promise of Differential Privacy  Chapter 2 – Basic Terms | 17th June’19 | 23rd June’19 | There are 27 pages that you need to go through to complete the sprint. |

***# Feel free to post questions and help others in trouble***

***This week we will not have quizzes and it depend on the volunteering support that I expect to gather***