***Learning Sprint Week - 2***

For Week 2, we will try to keep the extent/quantity of the reading material low for some objectives, which had a lot material to through in Week 1 and vice-a-versa. We will follow the same methodology for remaining Weeks too. Please feel free to ask for changes in the objective’s target if you feel it is on the higher side and difficult to achieve. ***I know the objectives might feel daunting at times, but if you plan well and spend sufficient amount of time (2-3 hours/day), you will be able to achieve it.***

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| --- | --- | --- | --- | --- |
| Topic | Content to go through | Start Date | End Date | Suggested |
| Pytorch | Package: Tensor Attributes, Type Info, torch. sparse  Notes: Autograd Mechanics, Broadcasting Mechanics | 24th June’19 | 30th June’19 | Reading as per convenience to complete the sprint |
| Introduction to Deep Learning with Pytorch | Lesson 3 – Talking Pytorch with Soumith Chintala  Lesson 4 – Introduction to Pytorch | 24th June’19 | 30th June’19 | There are 9 & 22 videos and in Lesson 3 & 4 respec., hence plan accordingly, Also, try reading any suggested material for increasing you understanding of topics |
| The Algorithmic Foundation of Differential Privacy | Chapter 3 – Basic Techniques and Composition Theorems | 24th June’19 | 30th June’19 | There are 40 pages that you need to go through to complete the sprint. |

**Happy Learning!!!**

**#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**

|  |  |
| --- | --- |
| **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***