

Please add your questions here ! Specify if possible who asks the question.

1. Besides Sutton & Barto's Book, what other sources are recommended to a newcomer to RL? (Oscar)
2. In your opinion, what are the most current challenges in RL? (Oscar)
3. What mathematical background do you recommend to address in order to grasp a better understanding of RL? (Oscar)
4. What do you consider the most challenges in terms of computational sources needed to develop a RL project? Could you recommend an option to tackle a quality project without a great computational capacity, such as a simulator, frameworks or something like that? (Oscar)
5. When you are having a new idea, how do you check if that same/similar idea was already deployed in some form? (Petra)
6. Can you tell us about your journey with RL? What were the first steps, difficulties you have encountered, etc. (Petra) (+2 upvote from Łukasz / Luke, Oscar)
7. What is your take on Spinning Up by OpenAI (<https://spinningup.openai.com/en/latest/>)? Do you recommend any other (more up-to-date) resources? (Łukasz / Luke)
8. What frameworks/libraries (e.g., PyTorch/TensorFlow, JAX/Flax) do you recommend for Deep RL projects? (Łukasz / Luke)
9. Do you know of any specific applications of Deep RL in oncology or developed research in this area? (Łukasz / Luke)
10. I am interested in doing a PhD in AI, RL is one of the topics I think are the most interesting. What applications of RL do you think are interesting for a PhD (Lucas)
11. What about employability in this field? (Lucas)
12. What do you think about Mu Zero, can it solve self-driving cars? (Milos)

Resources:

https://github.com/eemlcommunity/PracticalSessions2021/blob/main/rl/EEML2021_RL_Tutorial.ipynb
<https://mml-book.github.io/book/mml-book.pdf>
<https://www.microsoft.com/en-us/research/people/cmbishop/prml-book/>
<https://www.youtube.com/watch?v=qaMdN6LS9rA&list=PLAdk-EyP1ND8MqJEJnSvaoUShrAWYe51U>
babyAI <https://arxiv.org/abs/1810.08272>
Continual World <https://arxiv.org/abs/2105.10919>
The Animal-AI Environment: <https://arxiv.org/abs/1909.07483>
<http://animalaiolympics.com/AAI/>
<https://spinningup.openai.com/en/latest/>
<https://discovery.ucl.ac.uk/id/eprint/10083557/1/1708.05866v2.pdf>