RL

- 百度飞桨从零实践强化学习
  https://www.bilibili.com/video/BV1yv411i7xd?spm_id_from=333.337.search-card.all.click

- 动手学强化学习教程
  https://hrl.boyuai.com/chapter/intro

- EasyRL教程
  https://github.com/datawhalechina/easy-rl

- 周志华ML学习
  https://github.com/Vay-keen/Machine-learning-learning-notes

- ML面试题及常考知识点 🔗
  https://github.com/NLP-LOVE/ML-NLP

- 李宏毅机器学习 🔗
  - https://www.bilibili.com/video/BV1Wv411h7kN/?vd_source=0e34402ece26fd6fce2fb7540b54bbf3
  - https://datawhalechina.github.io/leeml-notes/#/

- wangshusen强化学习
  https://www.youtube.com/playlist?list=PLvOO0btloRnsiqM72G4Uid0UWljikENIU

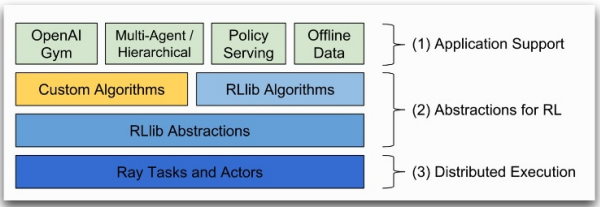- 周博磊强化学习
  https://www.youtube.com/watch?v=IkEF4LpH5Ys&list=PLySQw_vQ73PyDY68KF0HdCzcILBoHVTvD

- CS285：Deep Reinforcement Learning
  http://rail.eecs.berkeley.edu/deeprlcourse/

- 建议学会使用的强化学习库

  - ray、tune、RLLib 🔗
    https://www.bilibili.com/video/BV1VE411w73P?spm_id_from=333.999.0.0
  - ElegantRL 🔗
    https://elegantrl.readthedocs.io/en/latest/helloworld/intro.html
  - Stable Baselines3
    https://stable-baselines3.readthedocs.io/en/master/guide/rl.html

- MARL
  - MADDPG　MATD3
  - QMIX
  - QTRAN
  - COMA

- Offline RL
  benchmark：D4RL
  https://di-engine-docs.readthedocs.io/zh_CN/latest/env_tutorial/d4rl_zh.html

- 分布式强化学习
  https://di-engine-docs.readthedocs.io/zh_CN/latest/00_intro/index_zh.html

- Model-based RL

- RL延申
  Meta-RL　　RL面临的问题
  - 所需数据甚多，因此难以直接用机器人进行学习
  - 真实的机器人环境与训练环境有所不同

- ENV
  - 画图代码
    https://github.com/kaixindelele/DRLib/tree/main/spinup_utils
  - Mujoco
    - 【mujoco安装】
      https://www.youtube.com/watch?v=Wnb_fiStFb8
    - Mujoco200Tutorials
      https://www.youtube.com/watch?v=NScEj7JlebE&list=PLc7bpbeTlk758Ad3fkSywdxHWpBh9PM0G&index=1
    - 【Mujoco建模官方文档】
      https://mujoco.readthedocs.io/en/latest/XMLreference.html
    - 【Mujoco+Gym Example】
      https://github.com/openai/gym/tree/master/gym/envs/mujoco