

Google Colaboratory

What is Google Colab?

- <https://research.google.com/colaboratory/faq.html>
- Free machine learning research platform
- Jupyter service with dedicated GPU (and TPU) server
- Hardware specification
 - Xeon@2.3Ghz (1 core, 2 threads)
 - ~13GB RAM, ~80GB storage (for Python3/GPU runtime)
 - NVIDIA T4 gpu

How to use Google Colab with GPU

- Create a folder (your workspace) on your own Google Drive.
- Create a new Colab notebook.
- Edit runtime to use GPU as hardware accelerator.
- Done!
- Bad news..
 - You can use freely for about 12 hours.
- You can use Google cloud platform as an alternative.
 - <https://cloud.google.com/free/>