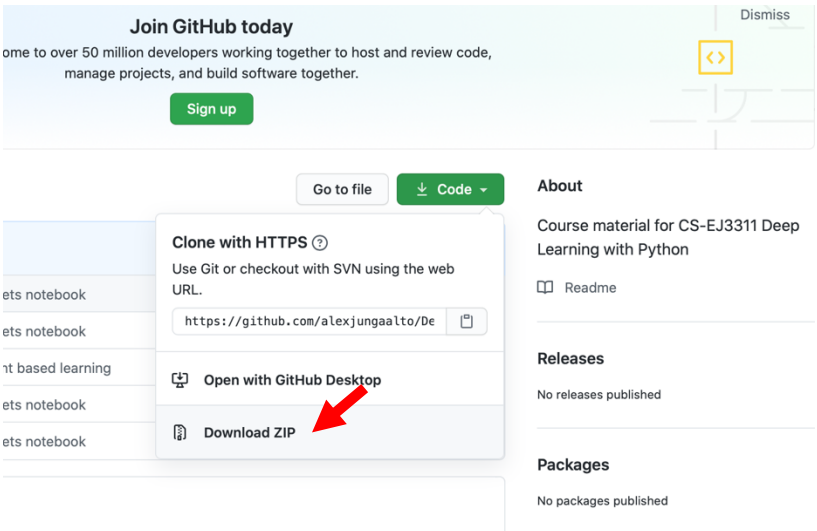
In order to run Jupyter Notebooks on Google Colab you need:

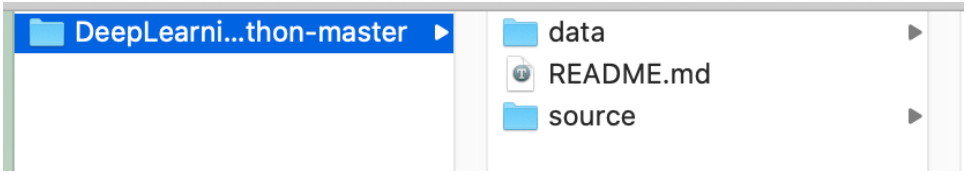
1. Download the course material
2. Set up a Google Drive account (if you have gmail or Google account, you already have access to Google drive)
3. Add Colab app to your Google Drive
4. Upload “dlpython” with course material to Google Drive

1. Download the course data

- Go to: https://github.com/alexjungaalto/DeepLearningPython
- Go to “Code” → “Download ZIP”



- Unzip the folder
- Make sure that folder structure is:



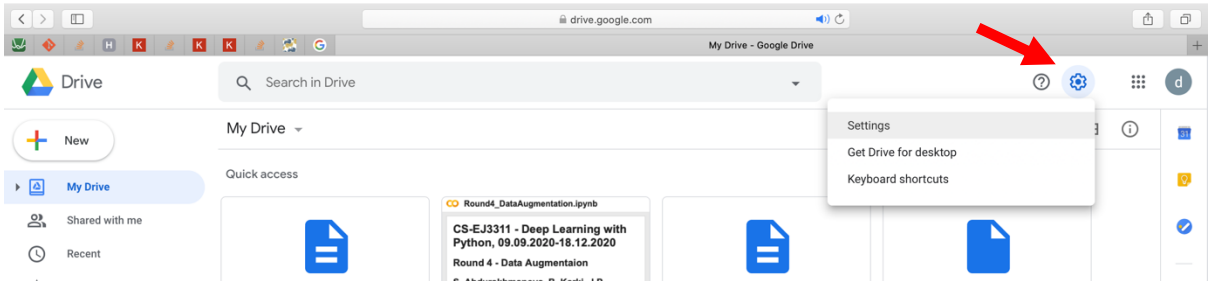
2. Create Gmail/ Google account

- Go to: https://www.google.com/intl/en/gmail/about/ or https://support.google.com/accounts/answer/27441?hl=en
- Follow instructions

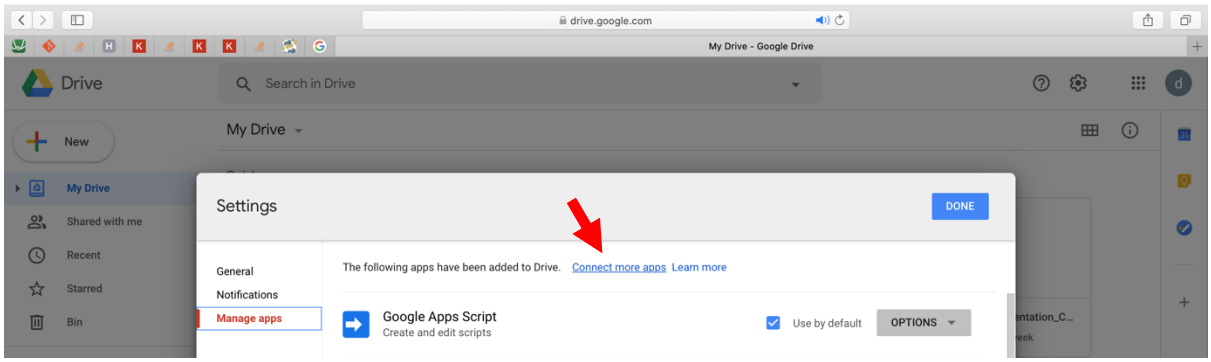
3. Adding Colab app to Google Drive

After setting up your Google account or Gmail account you will need to add Colaboratory application to your Google Drive:

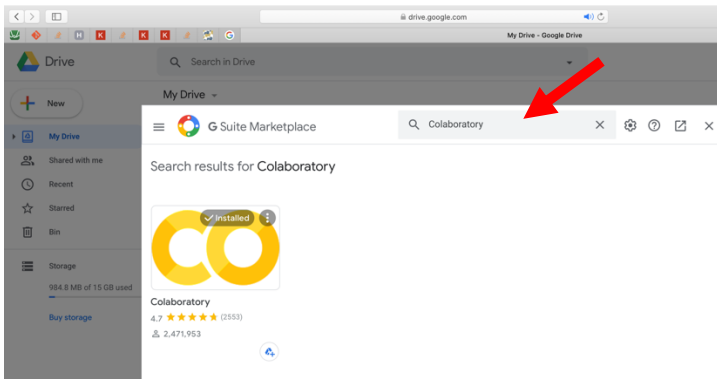
- Settings



- Manage apps → Connect more apps



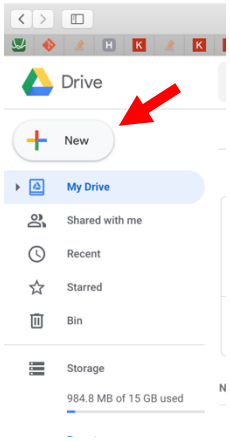
- Search and install Colaboratory



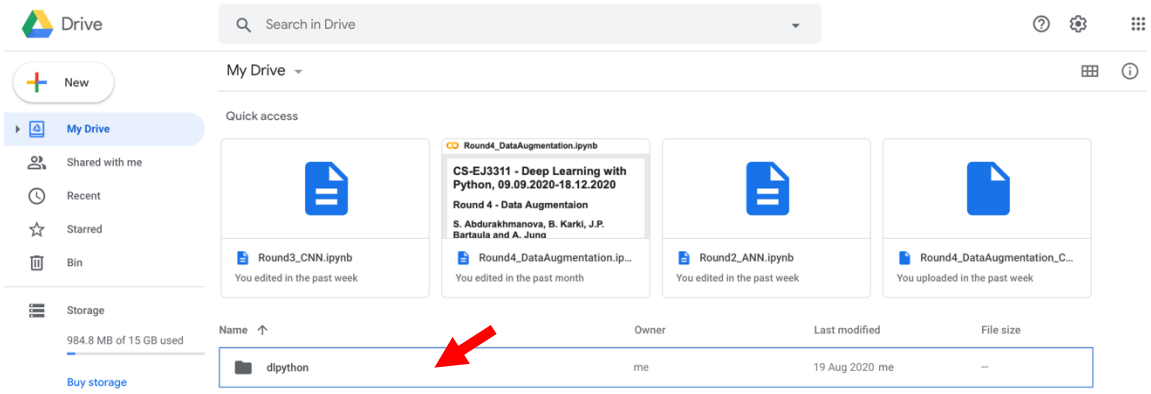
3. Uploading the course material to Google Drive

- New → folder upload

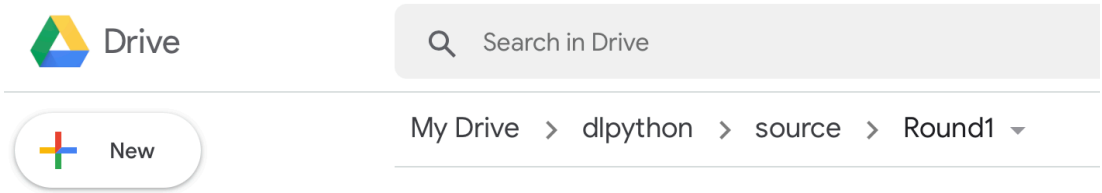
NB! Upload only folder containing `source` and `data` subdirectories.



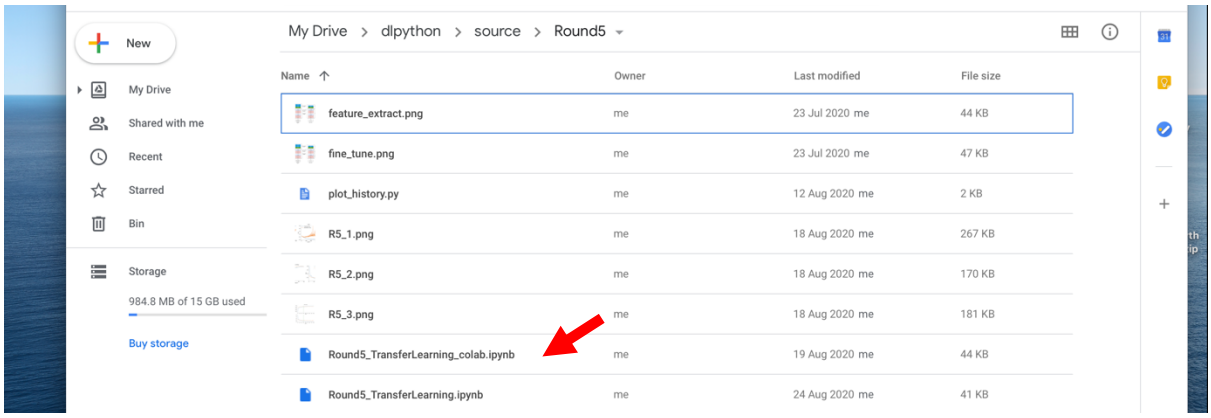
- **NB! Rename your folder to "dlpython"**



- Make sure that directory structure is: My Drive → dlpython, e.g.:

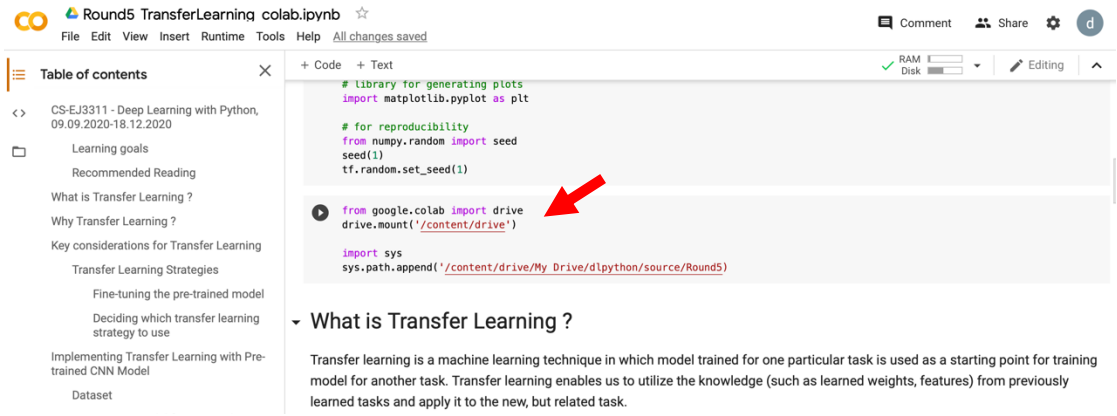


- Open jupyter notebook (_colab.ipynb file) in Colab.

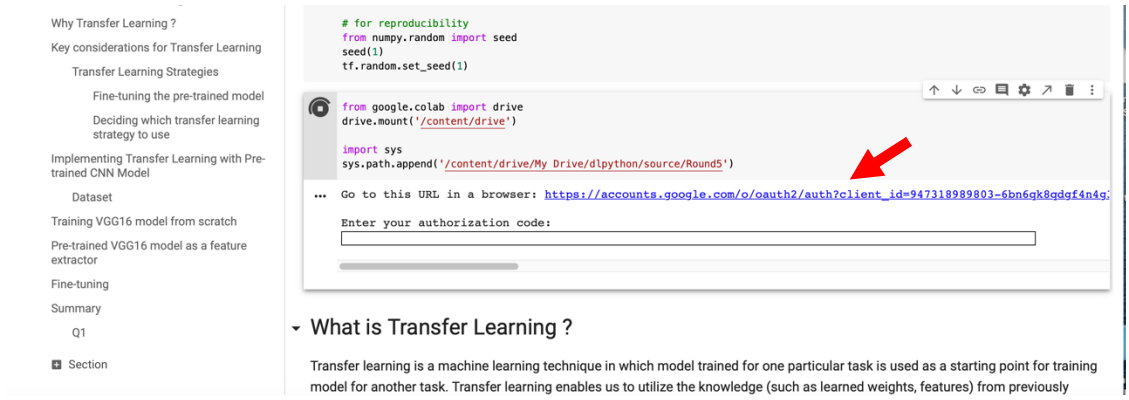


How to mount Google Drive (R4 & R5)

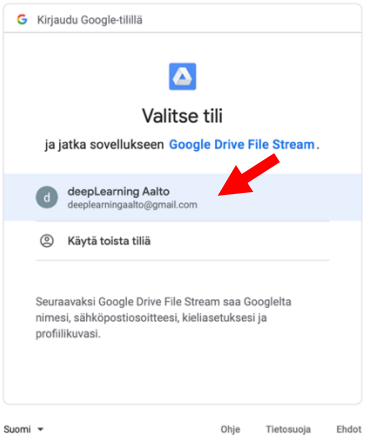
- Run the code



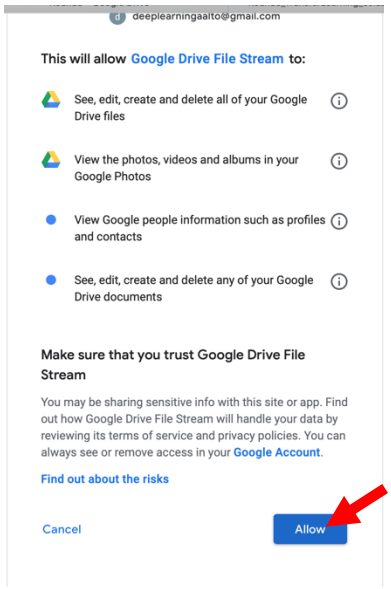
- Open the link



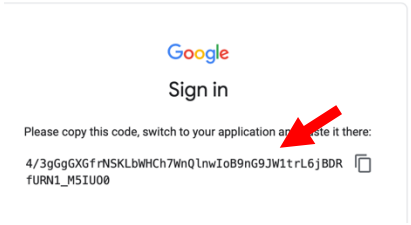
- Choose the drive



- Click “Allow”

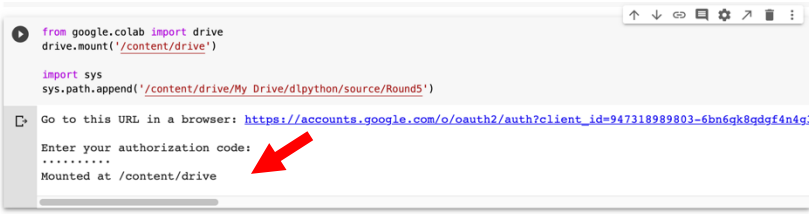


- Copy the code (**NB! Use Ctrl-C Ctrl-V**, NOT copy icon)



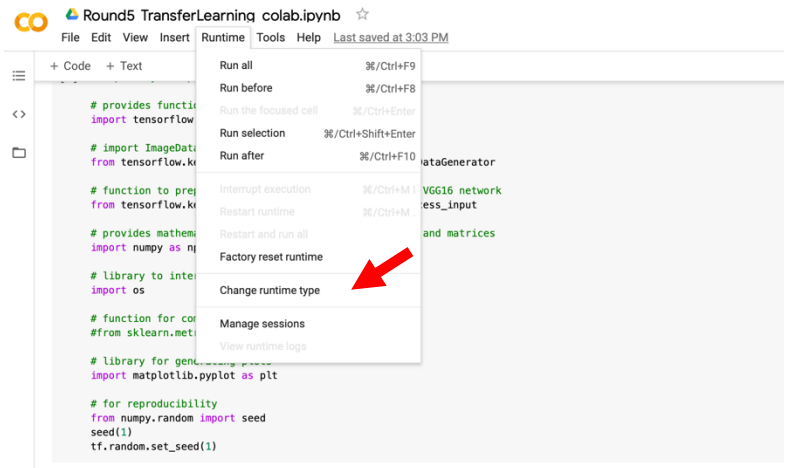
- Paste the code, press Enter

- Check that drive is mounted

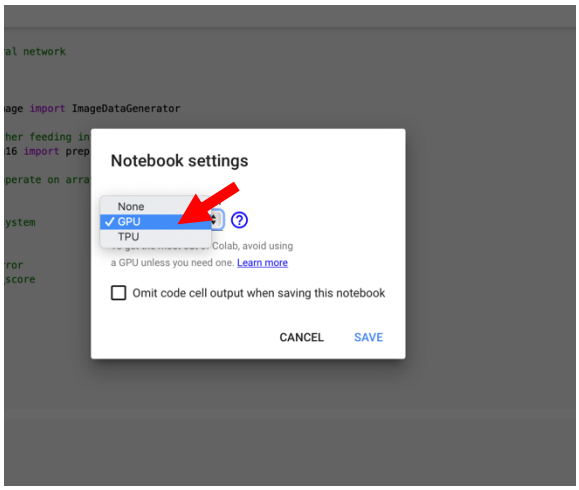


How to connect to GPU

- Go to “Runtime” tab and choose “Change running type”



- Select GPU option



Rescources:

Colab video tutorial - https://www.youtube.com/watch?v=inN8seMm7UI
Colab notebook - https://colab.research.google.com/notebooks/welcome.ipynb