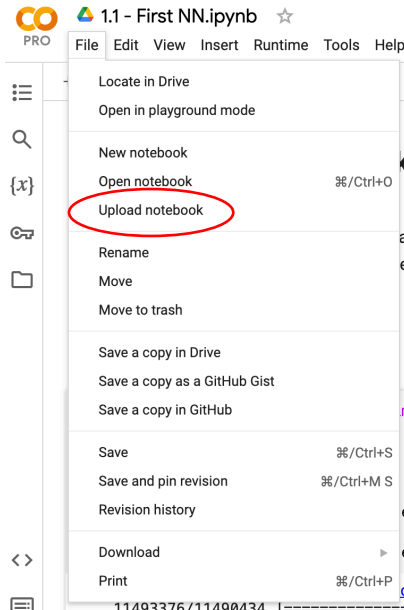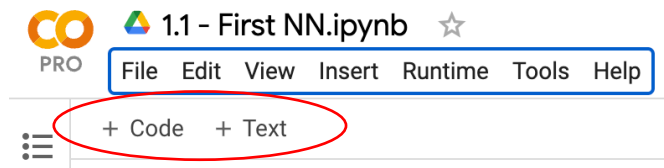# Instructions: Using Keras with Python in Google Colab

1. Log into your Google account (sign up if you do not have one). Open an Colab notebook. The simplest way is perhaps to search for "Google Colab" and click the first link in the search results (https://colab.research.google.com). Upload the "1.1 - First NN.ipynb" file from NYU Brightspace using the "Upload notebook" option under the File menu.
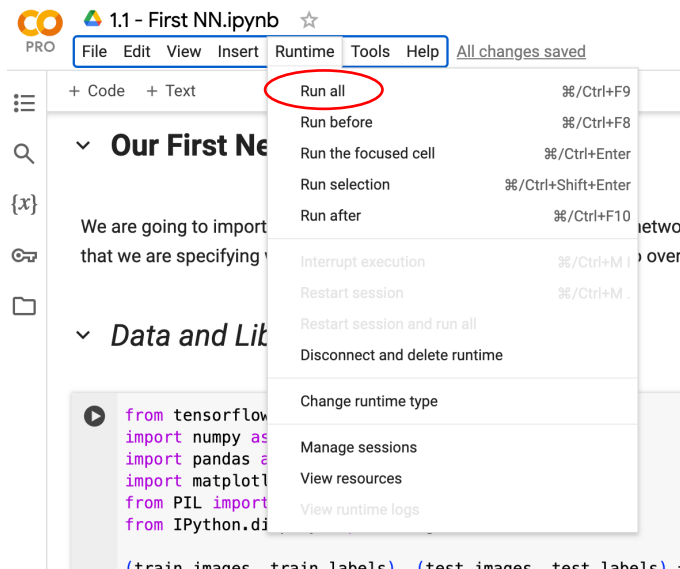

2. Once you upload the notebook, you can write executable Python code in the 'code cells' and you can modify text in 'text cells' to serve as comments and notes for a reader. You can insert new code or text cells using the '+Code' and '+Text' options in the menu bar or by hovering your cursor at the top or bottom edge of an existing cell.

3. You can run individual cells by clicking the play button on the left of a given cell; you'll want to run them in order, top to bottom, so you load libraries first. Alternatively, you can run all the cells in sequence by selecting the "Run all" option from the Runtime menu. When you are working on a workbook, I highly recommend that, before you finish with it, you click "Restart and run all" from the Runtime menu. This will remove all code and data from memory, restart the session, and attempt to run all code sequentially.

Doing this can help make sure there are no errors in your final notebook (e.g., in terms of the sequence of steps / order of operations).

4. Please finish all the work in the notebooks provided. Do not create new notebooks. You may want to save the .ipynb file to your Google Drive through "File > Save a copy in Drive" so that next time, you can use the "Open notebook" option to open the saved file from your Google Drive, instead of uploading it from your local device.