## **Keras: practical aspects**

The topics to be covered are:

- Callbacks
  - Early stopping
  - Checkpoints
- Saving/Restoring a Model
- Interrupting/Resuming Train

## **Detour: DNN Tensorflow notebook on Colab**

We will now switch to a notebook running on Google Colab

- <u>DNN Tensorflow example Notebook from github</u>
   <a href="mailto:line">(https://colab.research.google.com/github/kenperry-</a>
   <a href="mailto:public/ML Spring 2020/blob/master/DNN TensorFlow example.ipynb">(colab)</a>
   <a href="mailto:line">(Colab)</a>
   <a href="mailto:line">(Colab)</a>
   <a href="mailto:line">(Colab)</a>
   <a href="mailto:line">(Colab)</a>
   <a href="mailto:line">(Colab)</a>
   <a href="mailto:line">(Lolab)</a>
   <a href="mailto:line">(Colab)</a>
   <a href="mailto:line">(Colab)
- <u>DNN Tensorflow example Notebook local (DNN TensorFlow example.ipynb)</u> (local)
  - Tensorflow version 2+ only!

## Colab

The topics to be covered are:

- Testing whether your notebook is running under Colab
- Mounting your Google Drive
- Working with your Google Drive

## **Detour: Practical Colab notebook on Colab**

We will now switch to a notebook running on Google Colab

- Practical Colab Notebook from github
   (https://colab.research.google.com/github/kenperry-public/ML Spring 2020/blob/master/Colab practical.ipynb)
   (Colab)
- Practical Colab Notebook local (Colab practical.ipynb) (local)

```
In [2]: print("Done")
```

Done