Intro into Deep Learning with Keras!

Set-up

0) Installing Anaconda

If you haven't already, follow the instructions here (https://github.com/julialintern/Intro_to_Deep_Learning/anaconda_install/) to **install an updated version of Anaconda** (with Python 3).

Next, check that `conda` is installed by running `conda -V` from your terminal. You should receive a response indicating your current `conda` version.

1) Install Environment:

```
conda create -n ml python=3
conda activate ml
conda install anaconda
```

Install remaining packages

```
conda install -c conda-forge xgboost
```

Add 'ml' kernel to jupyter

```
conda install ipykernal
python -m ipykernel install --user --name ml
```

```
(base)$ conda activate ml
(metis)$
```

You can then start Jupyter by running

```
(metis)$ jupyter notebook
```

When starting a new notebook in Jupyter, you should select "Kernel -> Change Kernel -> "ml" before running.

2) Git Clone:

- (In case you haven't yet), please git clone the workshop repo : https://github.com/julialintern/Intro_to_machine_learning (https://github.com/julialintern/Intro_to_machine_learning)

3) Testing:

Launch jupyter notebook

In [1]:
```
# once in your notebook, test:
from sklearn.linear_model import LinearRegression
```

In [1]:
```
import xgboost
```

```
/Users/julialintern/opt/anaconda3/envs/ml/lib/python3.9/site-packages/xgboost/compat.py:36: FutureWarning: pandas.Int64Index is deprecated and will be removed from pandas in a future version. Use pandas.Index with the appropriate dtype instead.
  from pandas import MultiIndex, Int64Index
```

In [ ]:
```

```