**PyTorch for Deep Learning Bootcamp**

**2. Workflow**

**1. Get data ready (turn into tensors)**

**2. Build or pick a pretrained model (to suit your problem)**

**2.1. Pick a loss function & optimizer**

**2.2. Build a training loop**

**3. Fit the model to the data and make a prediction**

**4. Evaluate the model**

**5. Improve through experimentation**

**6. Save and reload your trained model**

Where can you get help?

Follow along with the code (if in doubt, run the code), try it for yourself, press SHIFT + CTRL + SPACE for read the docstring, search for it, try again, ask.

**The three datasets:**

**Training set** (model learns patterns from here, **60-80%**)→ **validitation set** (tune model patterns, **10-20% optional**)→ **test set** (see if the model is ready for the wild, **10-20%**)

Test data leads to **generalization**, the ability for a machine learning model to perform well on data it hasn’t seen before.