LEARNING STEPS

Training loop

- 1. Draw a batch of training samples x and corresponding targets y
- 2. Run the network on x (this is called "forward pass"), obtain predictions y_pred
- 3. Compute the "loss" of the network on the batch, a measure of the mismatch between y_pred and y
- 4. Update all weights of the network in a way that slightly reduces the loss on this batch.