**CONFIGURING THE LEARNING PROCESS**

* With both the training data defined and model defined, it's time to configure the learning process.
* This is accomplished with a call to the compile () method of the Sequential model class.
* Compilation requires 3 arguments: an optimizer, a loss function, and a list of metrics.
* It is important to find a good value for the learning rate for your model on your training dataset.
* Unfortunately, we cannot analytically calculate the optimal learning rate for a given model on a given dataset.
* Instead, a good (or good enough) learning rate must be discovered via trial and error.
* An artificial neural network's learning rule or learning process is a method, mathematical logic or algorithm which improves the network's performance and/or training time.
* Usually, this rule is applied repeatedly over the network.
* Decide on a learning rate that is neither too low nor too high, i.e., to find the best trade-off.
* Adjust the learning rate during training from high to low to slow down once you get closer to an optimal solution.
* It Oscillate between high and low learning rates to create a hybrid

