

Backpropagation

Now, we're ready to get our hands into training a neural network. For this, we'll use the method known as **backpropagation**. In a nutshell, backpropagation will consist of:

- Doing a feedforward operation.
- Comparing the output of the model with the desired output.
- Calculating the error.
- Running the feedforward operation backwards (backpropagation) to spread the error to each of the weights.
- Use this to update the weights, and get a better model.
- Continue this until we have a model that is good.

Sounds more complicated than what it actually is. Let's take a look in the next few videos. The first video will show us a conceptual interpretation of what backpropagation is.



Backpropagation Math

And the next few videos will go deeper into the math. Feel free to tune out, since this part gets handled by Keras pretty well. If you'd like to go start training networks right