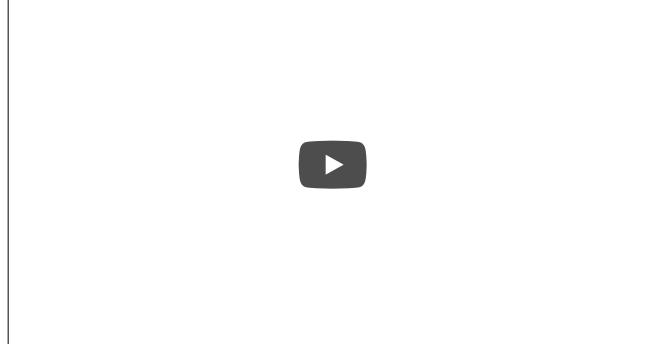# Logistic Regression

Now, we're finally ready for one of the most popular and useful algorithms in Machine Learning, and the building block of all that constitutes Deep Learning. The **Logistic Regression** Algorithm. And it basically goes like this:

- Take your data
- Pick a random model
- Calculate the error
- Minimize the error, and obtain a better model
- Enjoy!

Calculating the Error Function

Let's dive into the details. The next video will show you how to calculate an error function.

Minimizing the error function

And this video will show us how to minimize the error function.