

Playground

From logistic regression to fully connected networks.

Logistic Regression

Open the following [playground](#)

- a) Manually adjust the the weights to find best visual separation (click on lines and uses arrows)
- b) Start learning with a learning rate 10 what happens?
- c) Change learning rate to sensible values. Why does the success depends on the learning rate?

Neural Networks with hidдем units

- a) Open the [playground](#). Train the network with zero hidden layers (what do you observe), know increase the number of hidden layers to 1 (what do you see?).
- b) Now go to [here](#) and increase the number of neurons in the hidden layer. What do you observe?