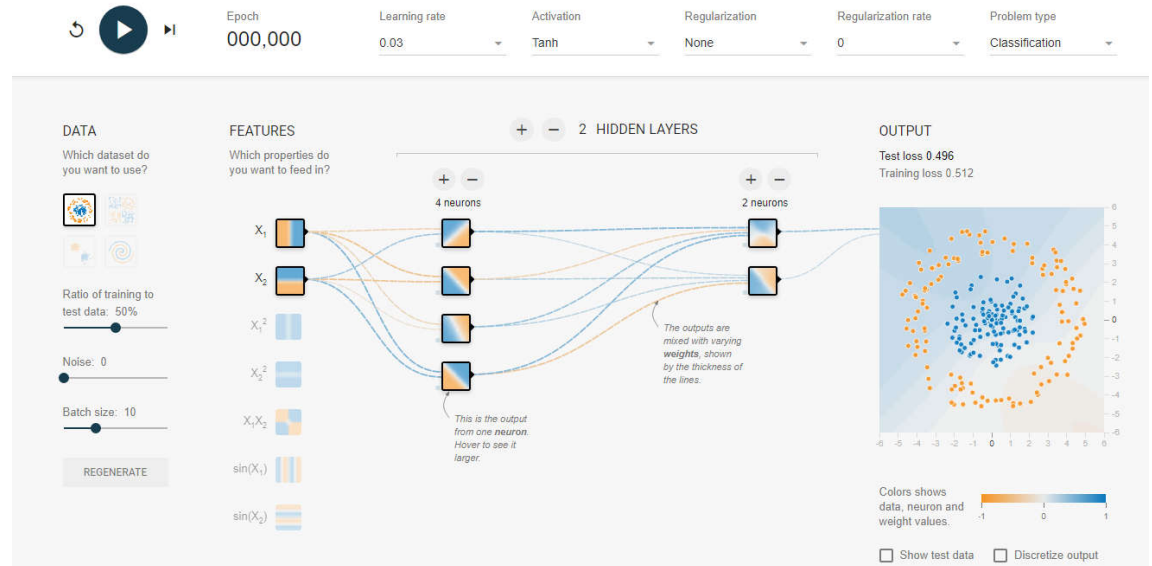


# Neural Network Playground

Tinker With a **Neural Network** Right Here in Your Browser.  
Don't Worry, You Can't Break It. We Promise.



# ConvNetJS



## ConvNetJS

Deep Learning in your browser

[Intro](#)[Deep Learning Resources](#)[Getting Started](#)[Documentation](#)

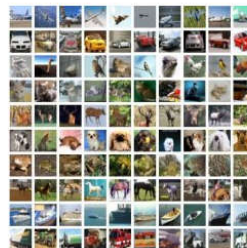
ConvNetJS is a Javascript library for training Deep Learning models (Neural Networks) entirely in your browser. Open a tab and you're training. No software requirements, no compilers, no installations, no GPUs, no sweat.

### Browser Demos

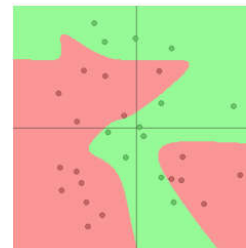
[Classify MNIST digits with a Convolutional Neural Network](#)



[Classify CIFAR-10 with Convolutional Neural Network](#)



[Interactively classify toy 2-D data with a Neural Network](#)



[Interactively regress toy 1-D data](#)

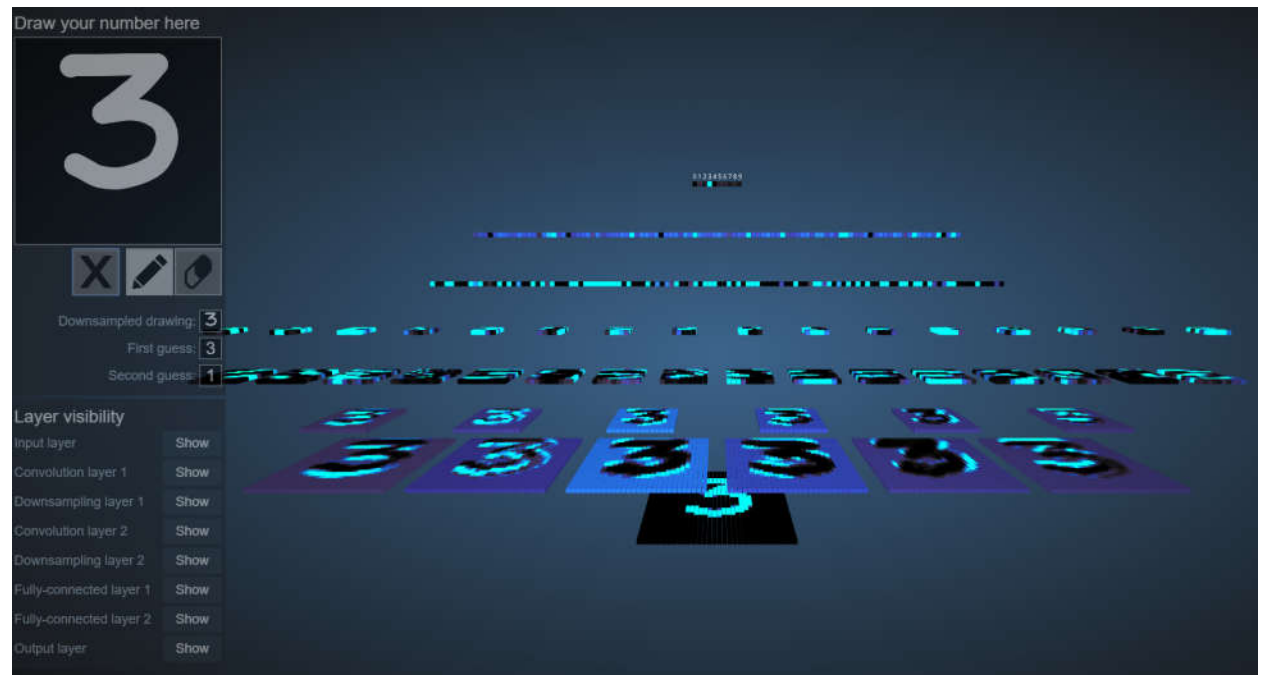


[Train an MNIST digits Autoencoder](#)

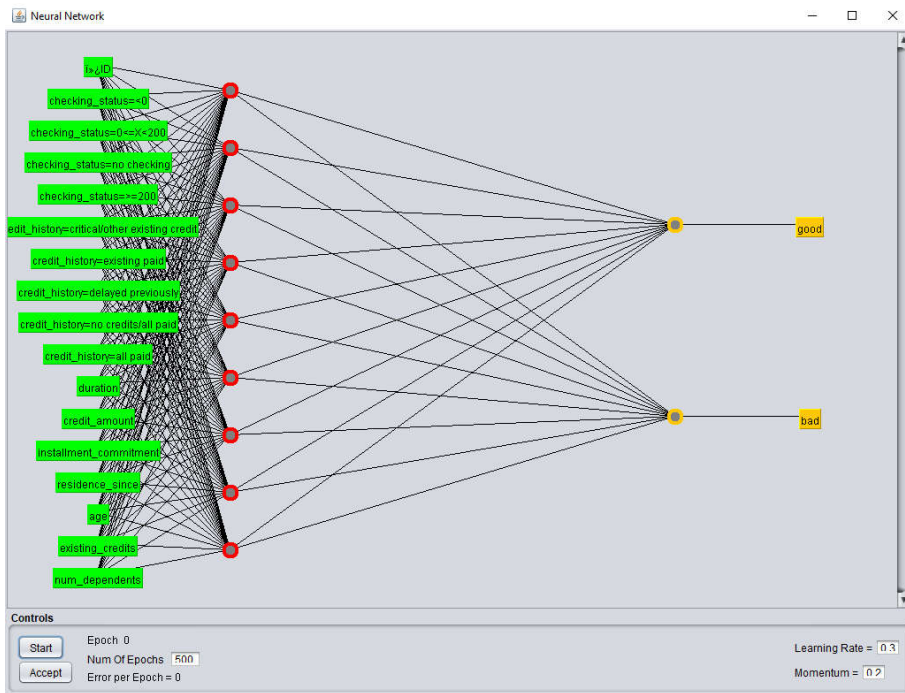


[Reinforcement Learning with Deep Q Learning](#)

# Convolutional



# Weka



The screenshot shows the Weka Explorer interface with the MultilayerPerceptron classifier selected. The **Classifier** tab is active, displaying the configuration for the MultilayerPerceptron classifier.

**Classifier**

Choose: **MultilayerPerceptron** -L 0.3 -M 0.2 -N 500 -V 0 -S 0 -E 20 -H a -O -R

**Test options**

☒ Use training set  
☐ Supplied test set (Set...)  
☐ Cross-validation Folds: 10  
☐ Percentage split %: 66

More options...

(Nom) class

Start Stop

**Result list (right-click for options)**

- 15:50:30 - functions.MultilayerPerceptron
- 15:50:52 - functions.MultilayerPerceptron
- 15:51:44 - functions.MultilayerPerceptron
- 15:57:22 - functions.MultilayerPerceptron
- 15:57:59 - functions.MultilayerPerceptron

**Classifier output**

=== Run information ===

Scheme: weka.classifiers.functions.MultilayerPerceptron -L 0.3 -M 0.2 -N 500 -V 0 -S 0 -E 20 -H a -O -R  
Relation: Credit2  
Instances: 1000  
Attributes: 11  
1=>ID  
checking\_status  
credit\_history  
duration  
credit\_amount  
installment\_commitment  
residence\_since  
age  
existing\_credits  
num\_dependents  
class

Test mode: evaluate on training data

**Status**

Building model on training data...

Log x1