Exploring Activation Functions in Neural Networks

This interactive demo helps visualize and compare different **activation functions** and their performance on the classic **XOR classification task** using a simple neural network.
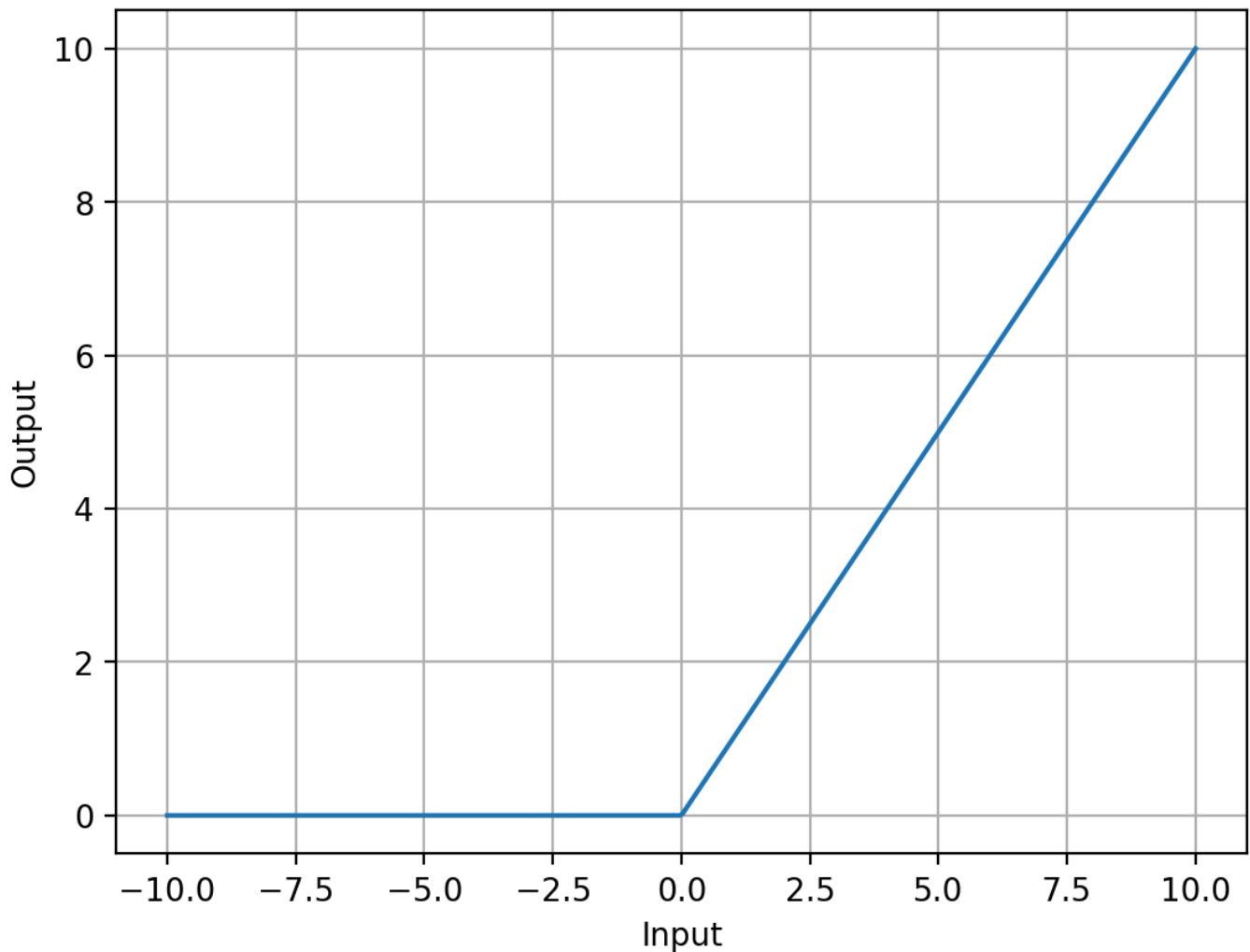
Activation Function Visualizations

Select activation function to visualize

ReLU   ⌄

Neural Network XOR Training

Let's train a **1-hidden-layer neural network** with different activation functions and compare accuracy on the XOR problem.

Choose activation for hidden layer

sigmoid   ⌄

Training Epochs

10000

Learning Rate

0.10

Train Network