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Abstract Neuron
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__init_(activation function,sigma*)
       calc_ouput(inputs, weights)
Layer
       Variables:
              Number of neurons
              Vector of outputs
              Weight matrix
              Vector of delta
              Neuron object
       __init__(initial_weights, layer_number, number of neurons)
       calc_output(inputs of previous layer)
              returns vector of layer's outputs
       backprop(last output vector, downstream delta values)
              returns deltas for neurons in current layer
              update weights
MLP Network
       Variables:
              Vector of layers
              Matrix of layer outputs
        _init__(number of layers, neurons/layer, training data, 'String' MLP/radial, # outputs,
# of training runs)
       train() ???? calls forward and back propagation
       forward_propagation(inputs)
              loop over layers
              return (individual layer outputs, last layer output)
       back_propagation(deltas from previous layer)
              loop over layers
              layer.backprop(deltas from
```

Radial Basis

last_layer_update(true training output)

Adeline rule to calculate first delta