



One forward pass

Compute loss

$$\frac{(\vec{x}_1 - \vec{x}_1')^2 + (\vec{x}_2 - \vec{x}_2')^2 + (\vec{x}_3 - \vec{x}_3')^2}{10}$$

Mean squared error for the batch. Can be any function (generally, differentiable)

Update network weights

Apply backpropagation with gradient descent and update weights (Frameworks to do automatic differentiation)

Backpropagation of loss

