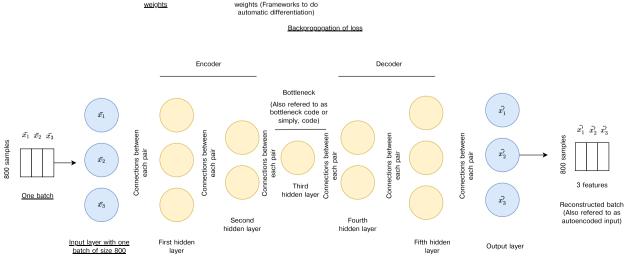
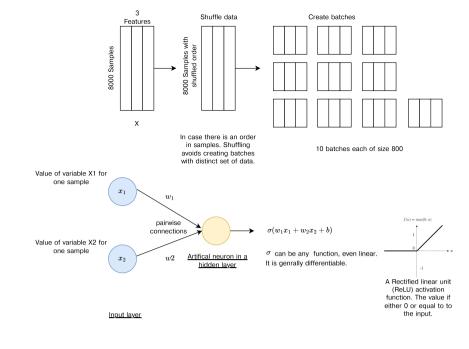
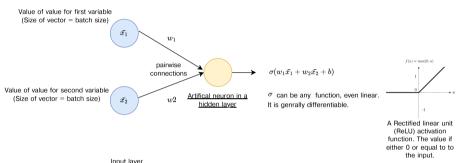
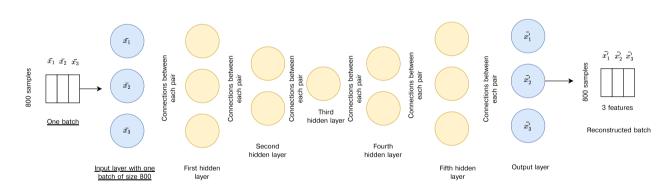
One step











One forward pass

$$\underline{\text{Compute loss}} \qquad \underline{(\bar{x}_1 - \bar{x}_1')^2 + (\bar{x}_2 - \bar{x}_2')^2 + (\bar{x}_3 - \bar{x}_3')^2}_{10}$$

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

Update network weights

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