

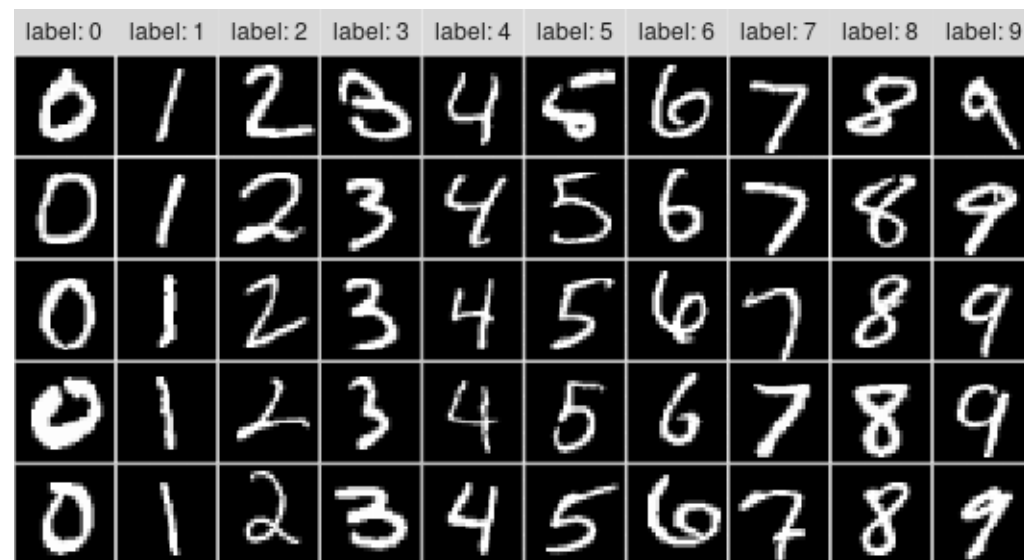
Learning  
Algorithm

Train  
data

Learned  
function

Predictions  
on test data

Learn(



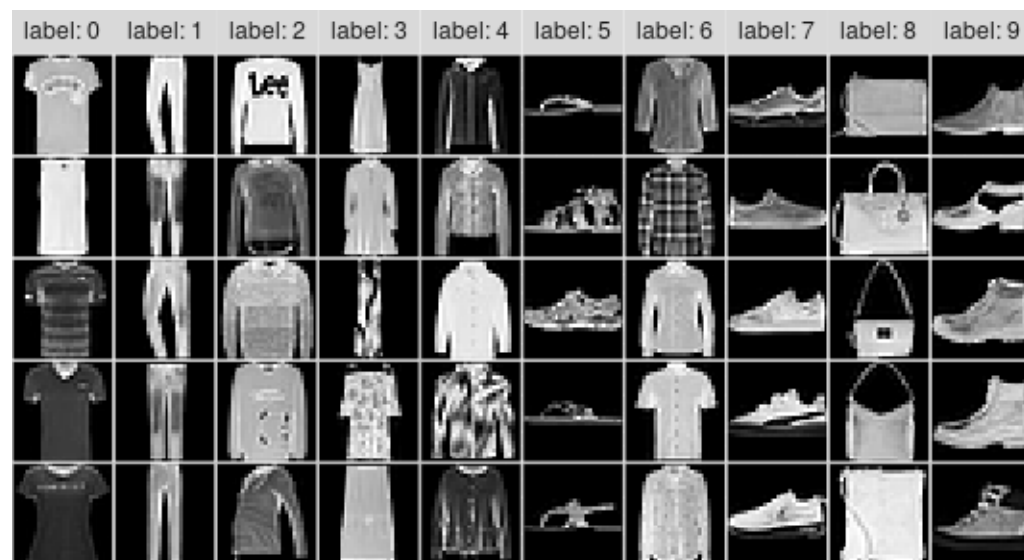
) → f

$$f(\text{t-shirt}) = 0$$

$$f(\text{t-shirt}) = 0$$

$$f(\text{pants}) = 1$$

Learn(



) → g

$$g(\text{0}) = 0$$

$$g(\text{1}) = 1$$

$$g(\text{1}) = 1$$