

step 12: if $iter > epochs = 3 > 2 \Rightarrow \text{True}$
goto step 13

step 13: print (m, c)

$= 1.2458, -0.1869$

step 14: compute mse

$$\Rightarrow \frac{[3.4 - (1.2458)(0.2) + 0.1869] + [3.8 - (1.2458)(0.4) + 0.1869]}{2}$$

$$\Rightarrow [3.33774 + 3.48858] / 2 = 3.41316$$
