



deeplearning.ai

Face recognition

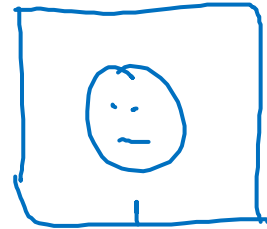
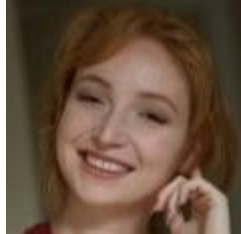
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One-shot learning

# One-shot learning



Learning from one  
example to recognize the  
person again



CNN



softmax



(6)

# Learning a “similarity” function

→  $d(\text{img1}, \text{img2}) = \text{degree of difference between images}$

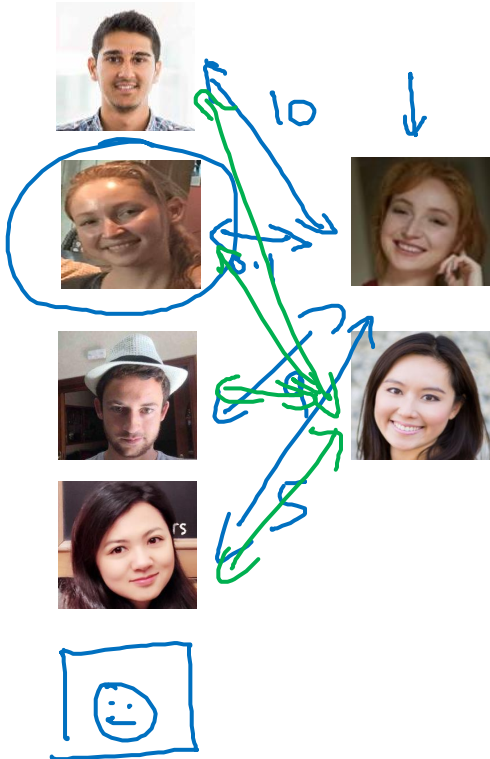
If  $d(\text{img1}, \text{img2}) \leq \tau$

 $\geq \tau$ 

"Same"

"Different"

} Verification.


$$Q(\text{ing1}, \text{ing2})$$