



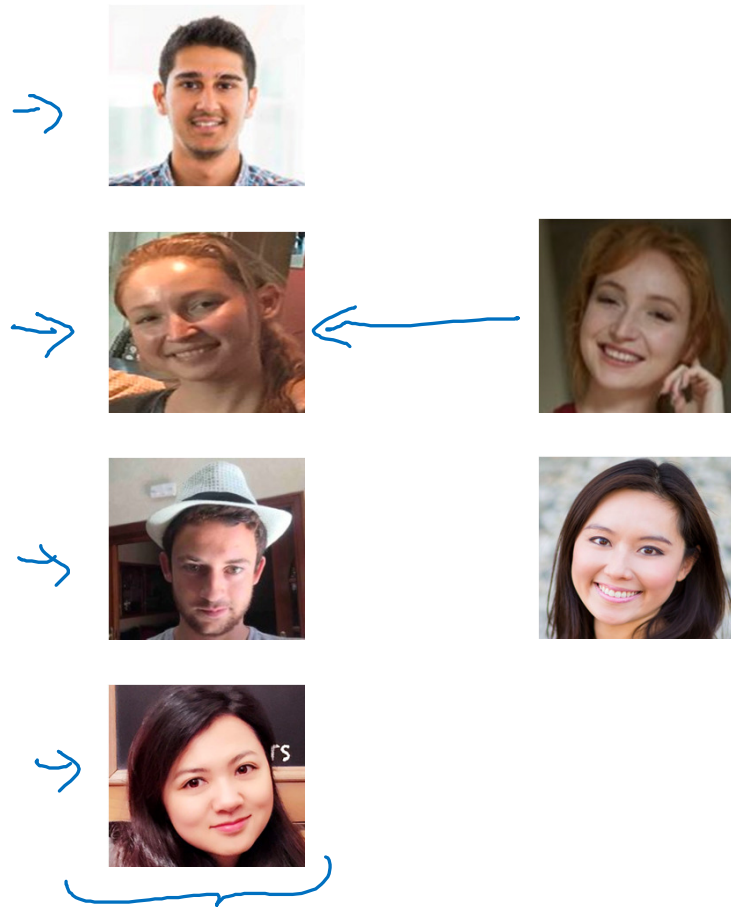
deeplearning.ai

# Face recognition

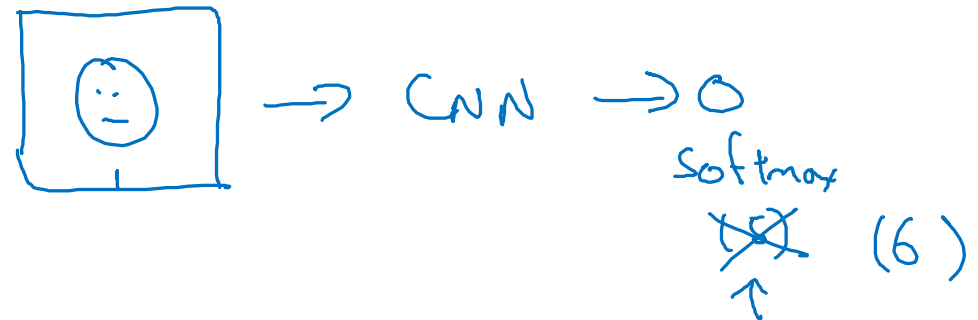
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## One-shot learning

# One-shot learning



Learning from one example to recognize the person again



# Learning a “similarity” function

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

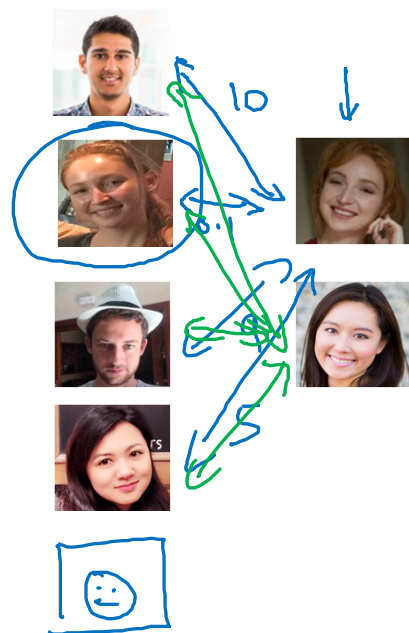
If  $d(\text{img1}, \text{img2}) \leq \tau$

$> \tau$

“same”

“different”

} Verification.



$d(\text{img1}, \text{img2})$