

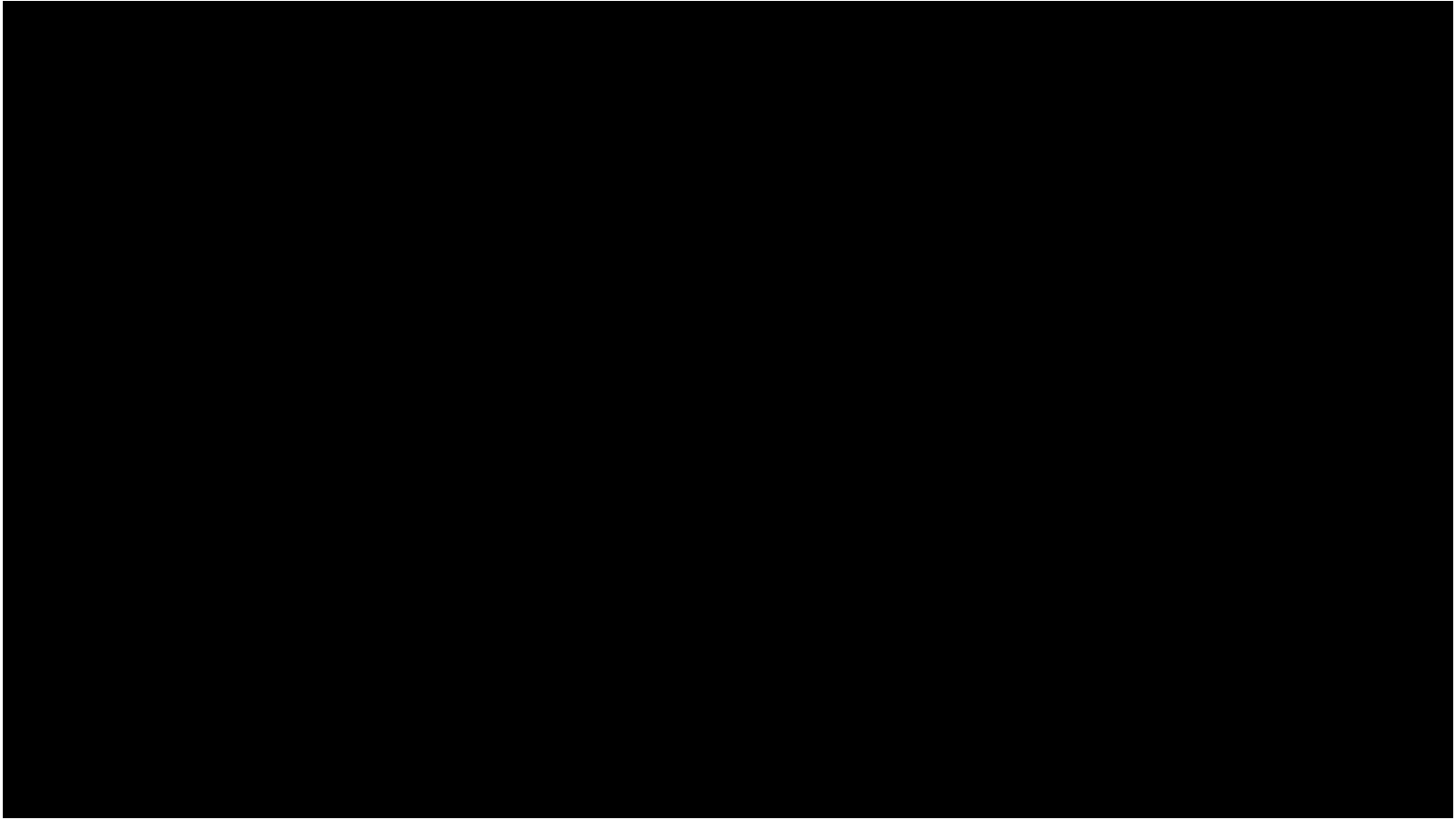


deeplearning.ai

Face recognition

What is face
recognition?

Face recognition



[Courtesy of Baidu]

Andrew Ng

Face verification vs. face recognition

→ Verification

- Input image, name/ID
- Output whether the input image is that of the claimed person

1:1

99.0%

99.9

→ Recognition

- Has a database of K persons
- Get an input image
- Output ID if the image is any of the K persons (or “not recognized”)

1:K

K=100 ←