

Solutions

Each answer shows the steps, then the **result**.

2.1

- AI writes in perfect, native-sounding language, removing the poor grammar that used to reveal a scam

2.2

- a shared secret question only the two parties know; the deepfake cannot answer it, exposing the fake

2.3

- some AI tools feed user input back into training, and an adversary could later extract that data

3.1 B

- a deepfake clones a voice or face

3.2 B

- a second factor blocks a voice-only attack

3.3

(a)

- an AI deepfake impersonation

(b)

- ask a prearranged shared-secret question that only the real CEO would know; or verify through a separate known channel