

AI for Authentication!

- Stops adversaries from entering your system
- Strongest protection
- Supplement with other strategies



<https://cloud.google.com/vision/docs/drag-and-drop>

<https://experiments.withgoogle.com/collection/ai>

<https://quickdraw.withgoogle.com>

<https://experiments.withgoogle.com/ai/ai-duet/view/>



Learning Outcomes

- Use AI to ensure cybersecurity principles
- Defense in Depth – Biometrics and Biobehavior using AI/ML
- Confidentiality -Create AI models using Google APIs and tools
- Think like an adversary - Exploit weaknesses in AI models
- Integrity – Awareness of deepfakes and other AI products
- Use scaffolded techniques such as Jupyter Notebook (scaffolding)
- Keep it simple on collaborative notebooks

