**Assignment 1**

**Machine learning** is also frequently used for facial recognition within an image. Using a database of people, the system can identify commonalities and match them to faces. This is often used in law enforcement

Examples:

* Label an x-ray as cancerous or not
* Assign a name to a photographed face (aka “tagging” on social media)
* Recognise handwriting by segmenting a single letter into smaller images