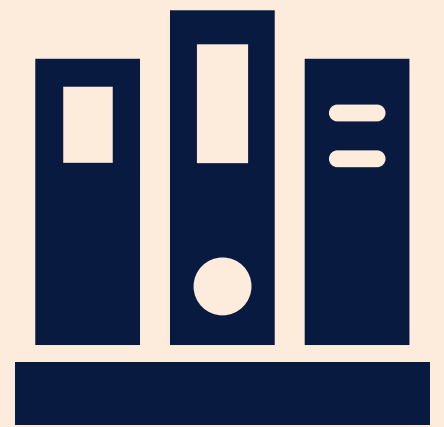# EMERGING TECHNOLOGIES

ARTIFICIAL INTELLIGENCE

Artificial Intelligence is the simulation of human intelligence processes by machines, especially computer systems. These processes include learning, i.e. acquiring information and rules for using the information, reasoning, using the rules to arrive at approximate or definite conclusions, and self-correction.
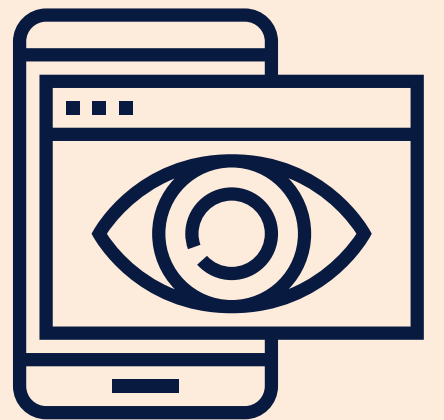
AUTOMATION

Automation is a method of controlling or operating a process, system or device without continuous human involvement. Automation can be used to mimic tasks that were once exclusive to humans, such as writing, speaking, and driving.

VR AND AR

Virtual reality (VR) and augmented reality (AR) are two technologies that are changing the way we use screens. Create new and exciting interactive experiences.
Virtual reality simulates an imaginary virtual world that you can explore. Augmented reality transports you into a virtual world, takes digital images and superimposes them on the surrounding real world through the use of a transparent viewer or smartphone.

QUANTUM COMPUTING

Quantum computing is an emerging technology focused on the development of computing technology with quantum theory. By 2023, IBM scientists will have developed a quantum computer that will be online and capable of providing a quantum advantage. It will have easier information processing tasks and will be cost-effective.

3D PRINTING

3D printing promises a revolution in manufacturing, with many opportunities to produce designs that would have been prohibitively expensive. 3D printing has been on the scene for a while, but its applications are still in the early stages.