



DIGITAL TRANSFORMATION TECHNOLOGIES

AGHA KHAN (2219946) Cert HE DIGITAL SKILLS

Venture into the ever-evolving realm of Digital Technology, where creativity has no boundaries.
Enter a profession that is reshaping industries and the future.



Augmented Reality:

The real-time integration of digital information with the user's surroundings is known as augmented reality, or AR. Users of augmented reality (AR) see the real world with generated perceptual information superimposed on top of it, in contrast to virtual reality (VR), which creates an entirely artificial environment.



Software/Tools:



Applications:

Interior Design
& Modelling



Classrooms for
Education

Internet of Things:

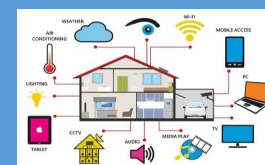
The Internet of Things (IoT) consists of a large network of connected systems that can collect and share information without manual input. The technology links the sensors of the devices with a centralized IoT platform.

Software/Tools:



Applications:

Smart Home /
Office



Healthcare

Artificial Intelligence:

The ability of computers to mimic human thought and behaviour is known as artificial intelligence. Nearly all of the high-end technology we use today such as voice assistants, computer vision, smart gadgets, and natural language processors incorporate it.

Software/Tools:

R PROGRAMMING

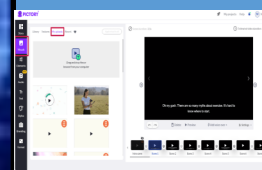


Applications:

ChatGPT



Content
Creation



Robotics:

Robotics is a tool used by organizations to digitize tasks. Unlike conventional robotics, it can communicate with people and enhance their performance in response to the data it gathers. When paired with AI and IoT, smart robotics can have a significant impact on businesses.

Software/Tools:



Applications:

Robotic
Surgery



Robotics in
Manufacturing

Cloud-Based Technology:

The cloud, which offers enterprises flexibility, scalability, and agility, is an essential part of digital transformation. When it comes to securely and economically managing massive volumes of data, traditional storage options fall short. As a result, more sectors are gradually moving to the cloud.

Software/Tools:



Applications:

Data Storage



Entertainment
Applications