

Artificial Intelligence, Explanations, Trust, Responsibility and Justice

With technology advancing at the rate it is now, we found that this topic is relevant to us as it is shaping the way society socialises, travels, works, researches and safety and security. It also have a massive impact on individuals.

Group Member Name	Role	Responsibility
Kayleigh Roffe	Leader	Ensure all members of the group know what they are responsible and guide them in the right direction when they need. Assist members when needed with their responsibilities to help.
Jordan Daubney	Website designer	Design the website and ensure that all key elements of our research and ideas are correctly implemented. Assist all other group members when required with their responsibilities.
Kaan Aksu	Researcher	Research and simplify information found to help us refer to and guide us in our project. Ensure research is valid and relates to our topic. Assist all other members when required with their responsibility.

"Artificial intelligence (AI), the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings." (Copeland B.J., 2022)

We chose this topic of AI and how it impacts society and individuals because of its overall relevance to us now and for the future.

Group Repository:
Assignment 3

- **artificial intelligence (AI)**, the ability of a digital [computer](#) or computer-controlled [robot](#) to perform tasks commonly associated with intelligent beings.
 - The term is frequently applied to the project of developing systems endowed with the [intellectual](#) processes characteristic of humans, such as the ability to reason, discover meaning, generalize, or learn from past experience. Since the development of the [digital computer](#) in the 1940s, it has been demonstrated that computers can be programmed to carry out very complex tasks – as, for example, discovering proofs for mathematical theorems or playing [chess](#) – with great proficiency.
 - Still, despite continuing advances in computer processing speed and memory capacity, there are as yet no programs that can match human flexibility over wider domains or in tasks requiring much everyday knowledge.
 - On the other hand, some programs have attained the performance levels of human experts and professionals in performing certain specific tasks, so that artificial intelligence in this limited sense is found in applications as [diverse](#) as medical [diagnosis](#), computer [search engines](#), and voice or handwriting recognition.
 - <https://www.britannica.com/technology/artificial-intelligence>
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