

# AI will replace humans altogether

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Something sparked a revolution at the dawn of the 20<sup>th</sup> century. Human beings, who were once thought to be the most intelligent creature on Earth were rivaled in their most dominant capability — intelligence. And I'm not referring to Artificial Intelligence (AI), I'm talking about a mere calculator that can perform arithmetic operations thousand times faster than humans. We are probably more familiar with another name for this digital calculator – “The Computer”. In essence, it can outperform humans in calculating and storing information. Then, let's conclude that computers are more intelligent than humans and end this debate of “who will replace whom?” But clearly, intelligence is more than just processing and storing information.

Let's dive a bit deeper into the question, “Will AI replace humans altogether?” What degree of replacement are we talking about? Will AI completely take over the world and act as our decision-makers or there will simply be more involvement of AI in various sectors; maybe more AI works than their flesh and blood counterparts? Based on the adverb of degree, “altogether”, we can assume that it means there will be no involvement of humans in the sector where AI will replace them. Or, does it mean no involvement of humans anywhere i.e., the end of humanity? Maybe we will dwell around the earth like other animals serving no purpose than survival and merely being a source of entertainment to AI...

The answers to the base question can vary depending on the degree of replacement. Based on my current experience in AI, I “believe” it is quite improbable for a sentient robot to make decisions for us while we serve no purpose. However, AI can be problem solvers and there are cases where they can solve mathematical problems based on a scenario. In the future, we might expect AI to be a better textual problem solver. What about the visual problems? AI can perform basic human reasoning on images – a domain of AI which was recently popularized. Judging by the rate of improvement, we can *expect* AI to match or surpass human decision-making in ... “some years”.

And that brings us to the second parameter to the question – the time frame. AI might replace humans altogether but, when? Within 10 years, 100 or when the number of years tends to infinity. If we are talking about 10 years, then the answer is a strong no. Unless someone comes up with a revolutionary architecture that can infer almost everything based on a single training sample, I don't see a sentient AI making decisions for us. In 100 or infinite years; *maybe* yes? But this maybe is multifaceted. Because as humans, we must acknowledge how bad humans are at predicting the future. Did the Wright Brothers foresee that humans will land on the moon 66 years after developing the flying machine? When airplanes got popularized, people imagined flying cars in the 21<sup>st</sup> century but sadly, not even Elon Musk's car can fly (although it is electric). Predicting something 100 years from now can not be a logical deduction but is simply a “belief”.

Hence, we can conclude that if we are talking about the complete replacement of humans, then I don't see AI going anywhere close to it in the next 10-20 years. If we increase the time span to 100+ years, then it's just a belief, and as a Muslim, I believe humans are and will be the greatest creatures (and the most intelligent ones as well). But what I envision today is a future where AI systems will be our coworkers assisting us in the workspace; the degree of involvement will increase with time, but AI will never (*maybe?*) surpass us.