Why Artificial Intelligence (AI) will never replace you

Artificial intelligence (AI) has become quite the hype. Some even claim that it is "superior" to humans. Some of my patients fear that they will lose their jobs because they can no longer keep up with AI.

This is true in some areas of work, for example, in terms of speed, fatigue resistance, and the exact reproducibility of defined activities. It makes sense and is convenient to use AI where large amounts of data are already known and need to be analyzed, combined, and arranged with a view to achieving a result, and where they must be quickly available on demand. Examples include written and spoken translations, image and film processing, and the optimization of specified manufacturing processes.
AI is not yet fully developed, as I repeatedly notice when the meaning of a sentence translated from a foreign language is sometimes even reversed by AI. An expert will notice this, but someone who does not speak the language may rely on the correctness of the translation and be misled.

Since AI is capable of recognizing patterns in huge amounts of data, it is also suitable to a certain extent for compiling statistics and forecasts, e.g., for weather patterns. However, here too, it has been shown that nature is often unpredictable and the predictions were wrong.

What needs to be considered?

- The vast amount of previously stored data means that the possibilities for imitation or rearrangement are immense. Deceptively real images and films can be created with deceptively real people whose body language and voices appear so credible that they can be misused instead of a real person. If you provide AI with enough information, it can be highly creative.

- AI works with data. It knows neither feelings nor sensory complex impressions. Therefore, results will always encounter ethical boundaries and often appear "sterile." There are sensors for temperature that AI can also sense. However, it can only assess an individual's perception of the respective temperature to a limited extent, depending on the data provided to it in advance by humans.

- The sensory perception that controls your feelings is highly subjective and very complex. You are able to perceive pressure, temperature, pain, vibration, touch, light, sound, temperature, smell, taste, movement, chemical signals, electromagnetic waves, time, gravity, emotion, memory... all at the same time, to remember them, and to generate a current and individual feeling from them.

- It is said that AI learns. This is true, but only from what has been made available to it. Everything that is processed by AI has been stored in advance by humans. This includes errors, misinformation, or facts that were not programmed at all. All this misinformation is incorporated by AI in its work. It creeps in and multiplies every time it is reused in any other context. This means that, as with incorrect translations, a human being will eventually have to intervene to correct it.

Here is an example of how you, as a living being, differ from AI:

Your skin, a highly complex, interconnected, and living organ, contains between two and five million "receiving antennas":

• Receptors for pressure, vibration, and touch

• Cold and heat receptors

• Pain receptors (mechanical, thermal, chemical)

• Itch receptors

• Chemoreceptors – for certain irritants

While an AI sensor perceives "temperature" and "pressure," your skin, for example, senses "proximity," "danger," "security," or "affection."

AI is a construct of digital computers, i.e., it's "yes or no," "black or white," there is no "in between". Real life, however, takes place right here, right now in the "in between". Your life dances and swings, realigning itself every second, sometimes to one side, sometimes to the other. This "dance" is not an annoying gap or an irritating decision-making deficit. It is the maturation period you need for your personal development; it is the path to a new state/goal that "time-saving" AI would skip and therefore not benefit from.

Conclusion:

You are a unique being that AI can never replace. The fact that humans are not "digital" is wonderfully expressed by the YinYang symbol. There is a black dot in the white half and a white dot in the black half. Therefore, even if the symbol is very small, there will never be only "black" or "white," as is common in the digital world, because each part already contains its opposite.

AI analyzes data, but you perceive the meaning associated with the data in a way that is unique to you. AI analyzes measurements, but you feel their meaning. AI can process text, but you can read between the lines. What an ability!

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