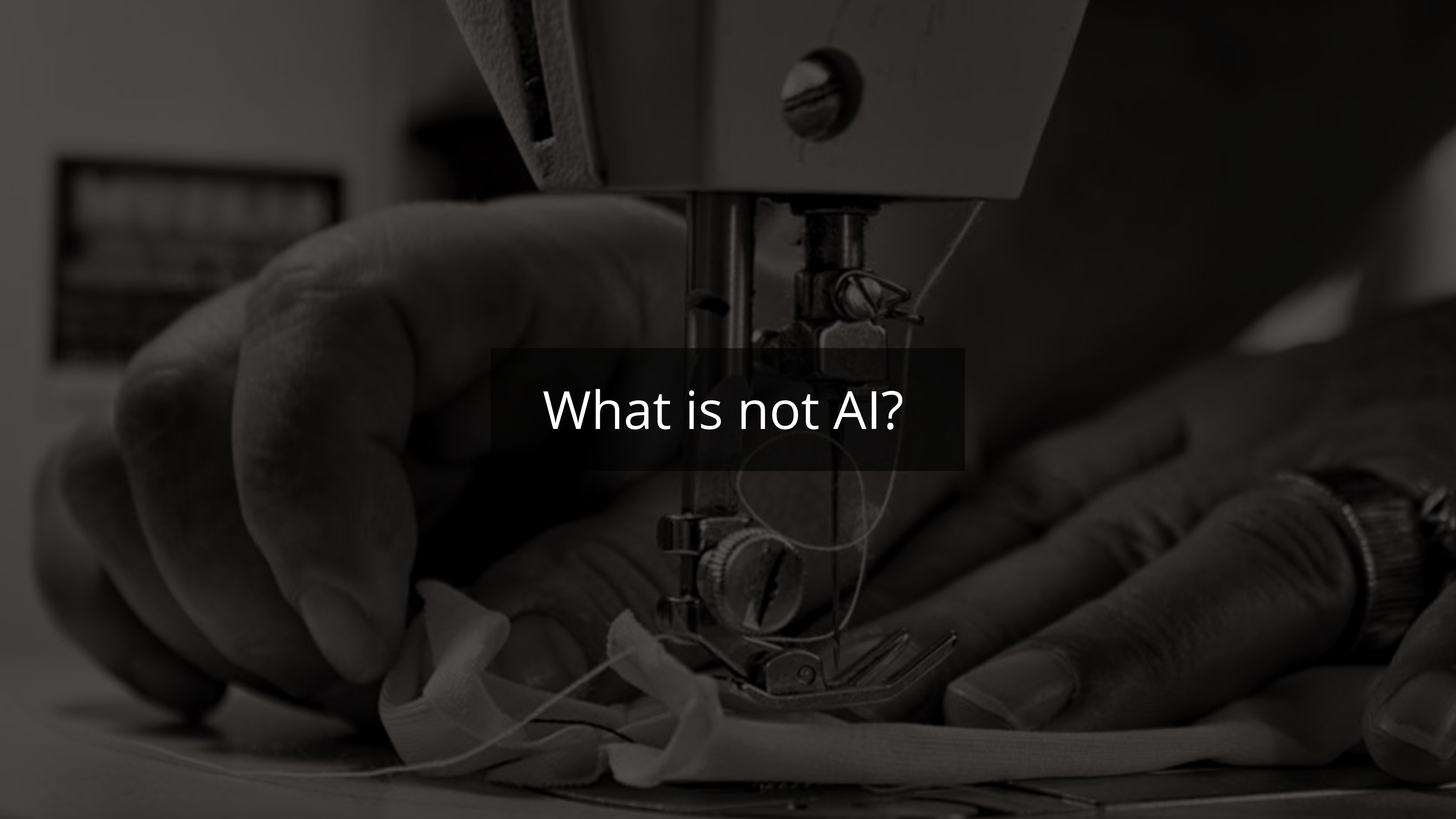


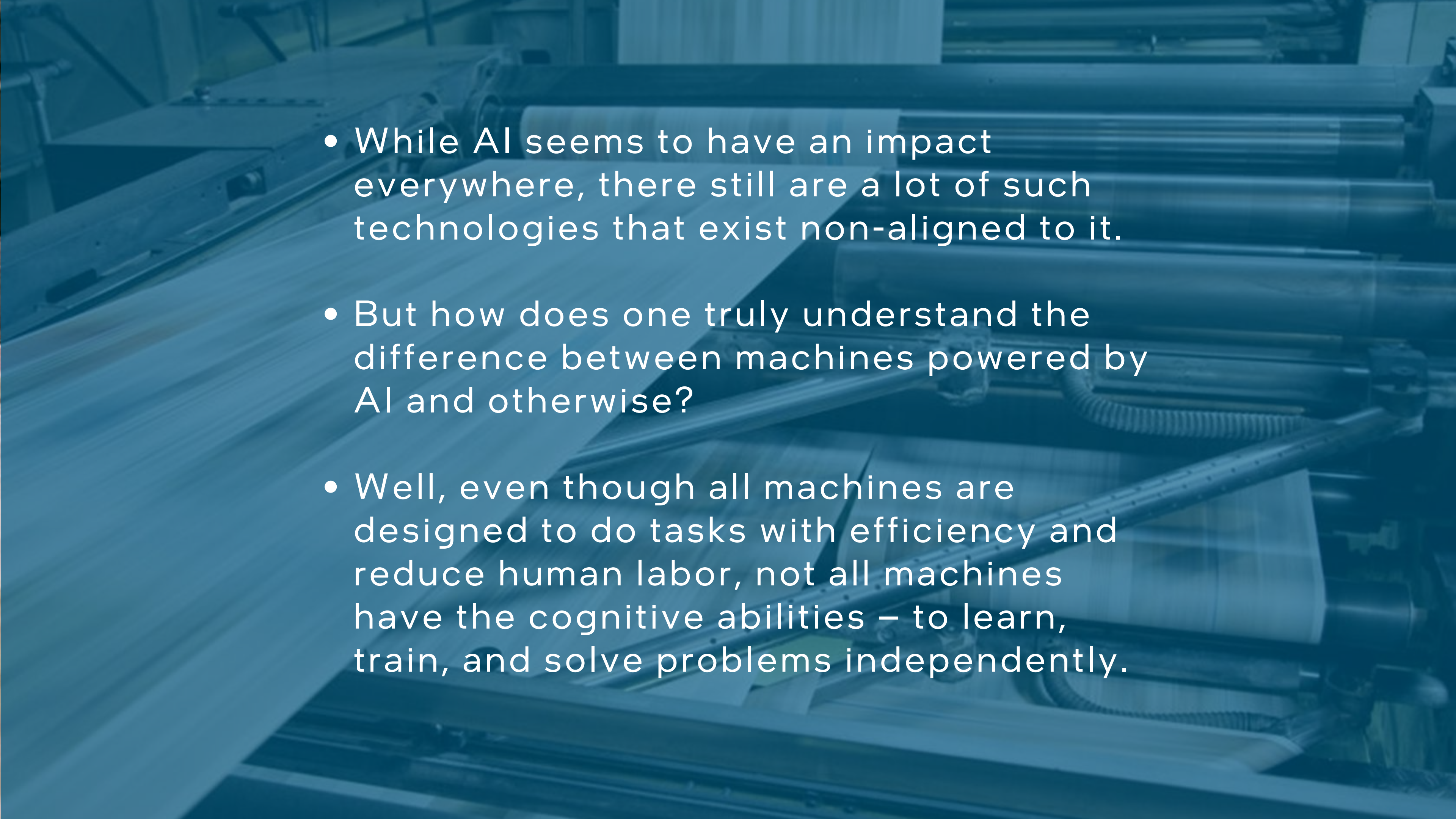


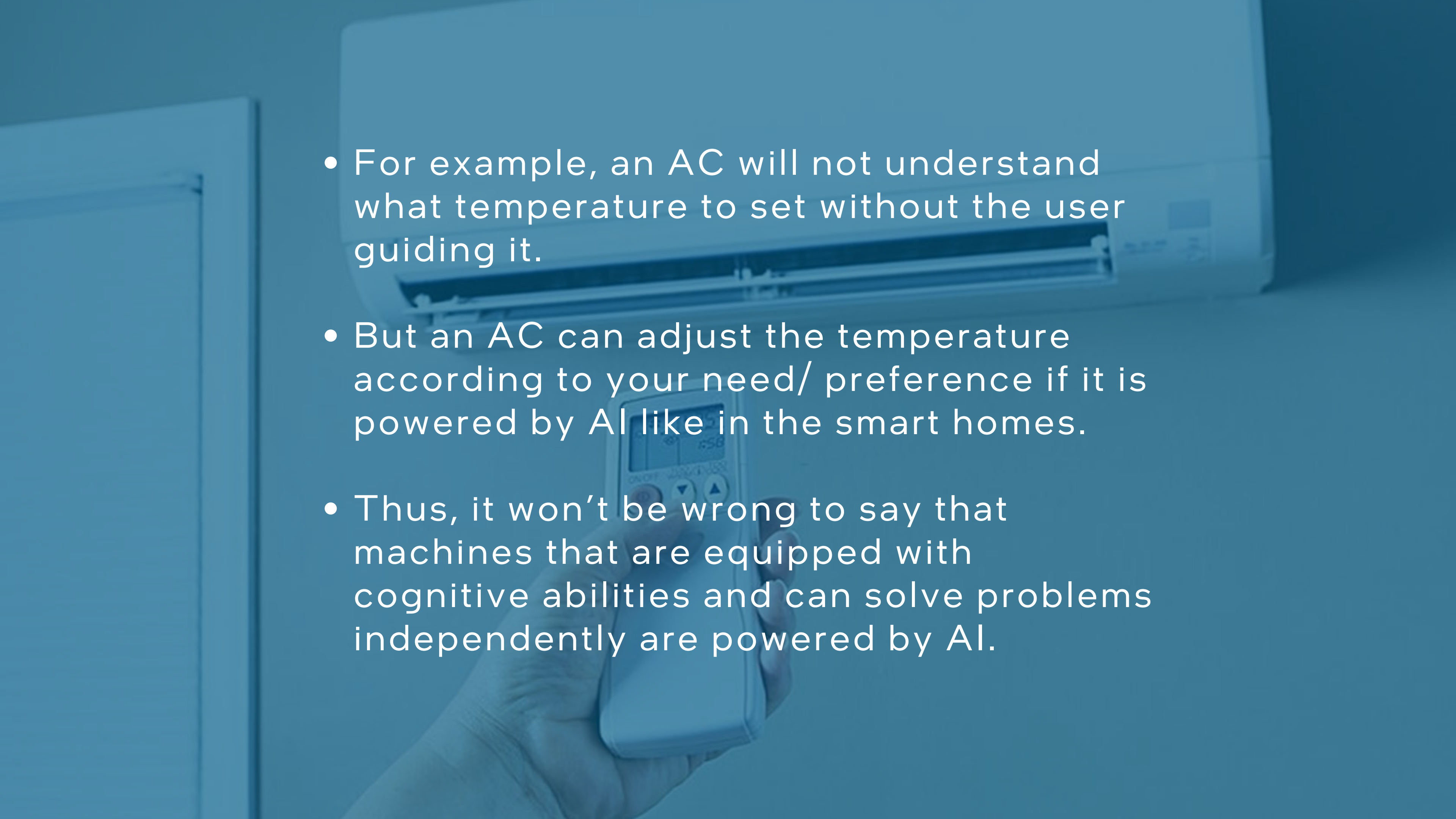
What is not AI?

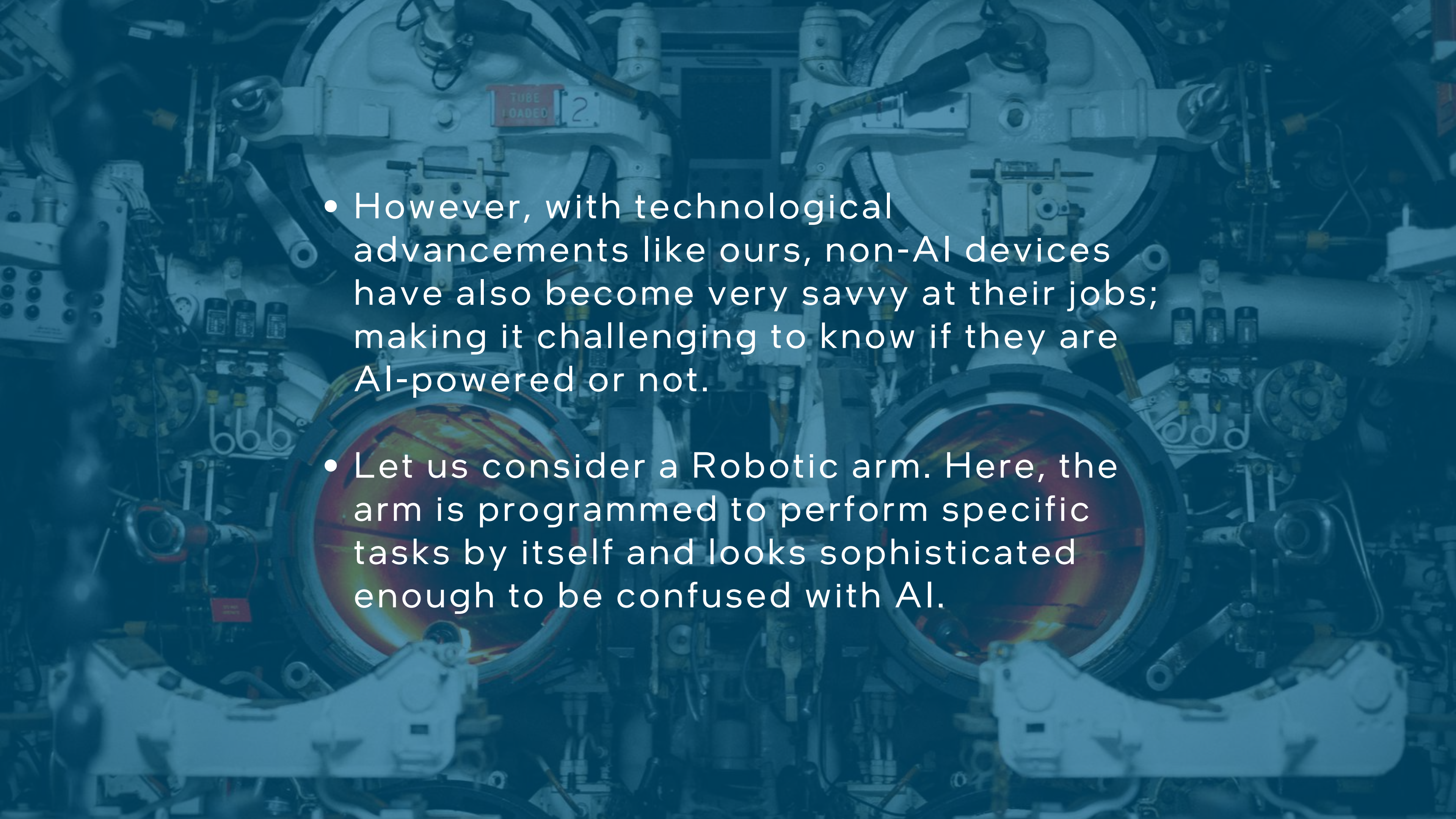


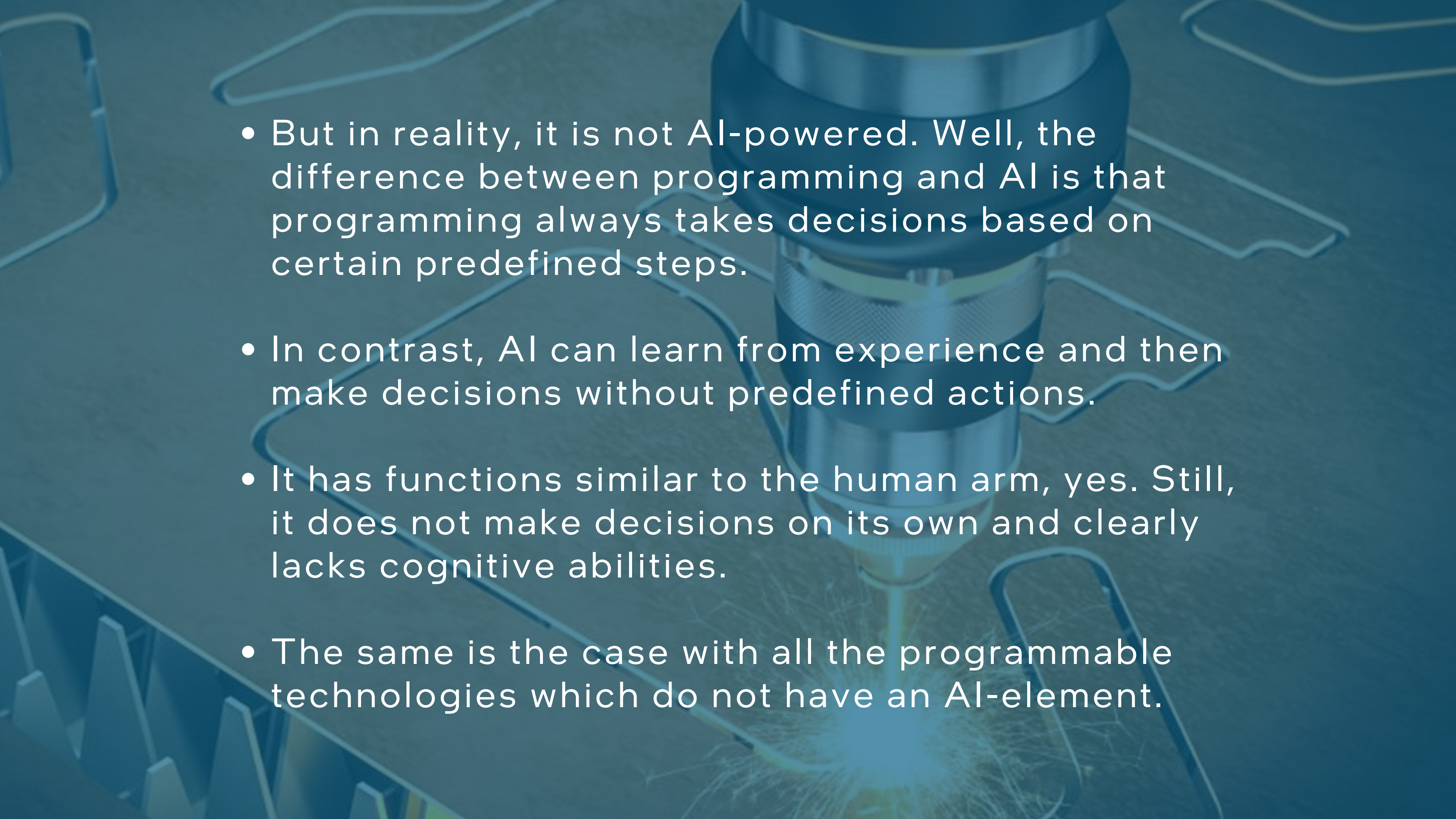
With technology developing every day and becoming far more advanced than yesterday, we need to stay updated. As users, we should be able to know what is powered by AI and what is not.

Let us try to understand this in three easy steps.

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- While AI seems to have an impact everywhere, there still are a lot of such technologies that exist non-aligned to it.
 - But how does one truly understand the difference between machines powered by AI and otherwise?
 - Well, even though all machines are designed to do tasks with efficiency and reduce human labor, not all machines have the cognitive abilities – to learn, train, and solve problems independently.

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- The background of the slide is a blue-tinted photograph. In the upper half, a white air conditioner is mounted on a wall. In the lower half, a hand is holding a white remote control, which has a small LCD screen and several buttons. The text is overlaid on this image.
- For example, an AC will not understand what temperature to set without the user guiding it.
 - But an AC can adjust the temperature according to your need/ preference if it is powered by AI like in the smart homes.
 - Thus, it won't be wrong to say that machines that are equipped with cognitive abilities and can solve problems independently are powered by AI.

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- The background image shows a complex robotic arm, likely from a space station or industrial facility. It features various mechanical components, cables, and sensors. A red label with the text "TUBE LOADED" and the number "2" is visible on the upper left. The entire image is overlaid with a semi-transparent blue filter. Two large circular openings in the lower half of the image show a colorful, abstract pattern of red, orange, and yellow, possibly representing a heat map or a specific sensor data visualization.
- However, with technological advancements like ours, non-AI devices have also become very savvy at their jobs; making it challenging to know if they are AI-powered or not.
 - Let us consider a Robotic arm. Here, the arm is programmed to perform specific tasks by itself and looks sophisticated enough to be confused with AI.

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- But in reality, it is not AI-powered. Well, the difference between programming and AI is that programming always takes decisions based on certain predefined steps.
 - In contrast, AI can learn from experience and then make decisions without predefined actions.
 - It has functions similar to the human arm, yes. Still, it does not make decisions on its own and clearly lacks cognitive abilities.
 - The same is the case with all the programmable technologies which do not have an AI-element.