

Consider the Following AI Myths Side-by-Side with the Truth About How AI Works

AI has superhuman intelligence.

AI is a **prediction machine** that depends on human intelligence.

AI agents "talk" by statistically weighing the next most likely word in a sequence. They can summarize an article in seconds, but fail at tasks a six-year-old could complete.

AI knows everything on the internet.

Every AI model has a **knowledge cutoff date**.

AI trains on available data, but stops once a new model is released. So AI "knows" a great deal of what is on the internet, but it doesn't know what happened yesterday.

AI will take our jobs.

AI simplifies many tasks, but **depends on human direction**.

Despite overconfident predictions by some AI companies, AI is not out for your job. The popular adage is: "AI won't take your job; people who know how to use AI will."

AI is just ChatGPT.

There are **dozens** of specialized AI agents.

There are AI agents built to code, to build websites, to make slide decks, to fact-check, to build recipes, to organize documents, to search medical and legal data, and more.

AI creates new knowledge faster than people.

AI finds patterns in existing knowledge, but **cannot of create new knowledge**.

AI is a powerful tool for finding hidden patterns in large data sets. It can seem like AI provides new ideas, but this is an illusion. All it can do is organize and interpret ideas humans already had.

AI hallucinates all the time.

AI will hallucinate details when they are missing due to **a weak prompt**.

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