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| **Artificial Intelligence** | **General Artificial Intelligence** |
| 1. Artificial Intelligence is built on Human Intellectual processes. 2. It has ability to perform a single task extremely well. 3. Artificial Intelligence only expects the specific task performed from the machine. 4. All Artificial Intelligence systems in the world considered as Narrow AI. 5. No consciousness, self-awareness, or ability for thinking. 6. AI only performs specific tasks; it does not respond to various environments or change its operations as required. 7. AI has been around for two decades and has become better every day. 8. Ex. Alexa, Google Assistant, YouTube, Self driving cars etc. | 1. General Artificial Intelligence is built on Human Intellectual ability. 2. It has ability to perform any intellectual task that a human could. 3. General Artificial Intelligence expects the machine to be equally smart as a Human. 4. General Artificial Intelligence is a Strong Artificial Intelligence. 5. It shows common sense, creativity, and human emotion. 6. General AI can respond to various environments and situations and modify its operations as required. 7. AGI is an area of active research hence it has not yet been settled. 8. Ex. Human Brain |

## Difference between Artificial Intelligence (AI) and General Artificial Intelligence:

## Whether Bitcoin is Turing complete?

Loops are not yet supported by Bitcoin scripts. As a result, they are commonly considered as may be not Turing Complete. Turing is not designed for tokens; it is designed for machines. The token used to reward miners and maintain the Bitcoin network. Applications like payment systems should be Turing complete. Having to support looping statements or maybe infinite loops in order to achieve Bitcoin Turing complete. Systems and networks that are not Turing complete are supposed to exist in a predictable state at all times. There is no need for ecosystem users and developers to worry about resource drains and system crashes caused by infinite loops.

Nothing is actually Turing complete; this is simply a theoretical concept. Contracts can be viewed as predicates. In fact, it checks to true or false, showing if or not the coins can be moved.

However, due to the pausing issue, Bitcoin Turing completeness is extremely risky, because of open access systems. If Bitcoin is Turing complete, any programme, regardless of complexity, can be computed using it. But with such flexibility comes some challenging resource management and security issues.

## What role blockchain might play working with AI in the future?

Blockchain technology can be used to transport user data between platforms and systems safely and quickly. AI's amazing speed and ability to read, comprehend, and correlate data in great detail. Blockchain technology helps people secure their personal information while allowing agents to create and trade economic value at smaller operational sizes. AI systems work to concentrate power in the hands of the few firms that can source and process large volumes of data.