

There are two pivot questions.

1) What is intelligence?

Oxford dictionary: The faculty of understanding; intellect. Also, as a count noun: a mental manifestation of this faculty, a capacity to understand.

Therefore, intelligence is the ability of building knowledge tree, logically; identifying then connecting missing links and predicting directions for further exploration. Hence, an intelligent person/machine should be able to do intellectual work (learning, research and study) and rational decision making in the form of knowledge/decision tree structure, not in a fragmented grass field like fashion.

2) Whether intelligence is evolved from instincts or created by design?