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Artificial Intelligence is a subfield of computer science that focuses on creating intelligence

Agents capable of performing tasks that would typically human levels of intelligence.

These tasks include (problem solving). (decision – making ) among others .

Al is interdisciplinary science with many approaches ;it can be a rule -based and operate under a

Predefined set or conditions , or it cause machine learning algorithms to adapt to its

Environment . The latter is particularly powerful,as it allows Al systems to learn

From data ,making them more versatile and capable of handling unforeseen scenarious

**Application and Examples of Al**

Al`s reach extend far beyond academia and specialized industries. Here are some ways in which artificial intelligence