



Course: Artificial Intelligence

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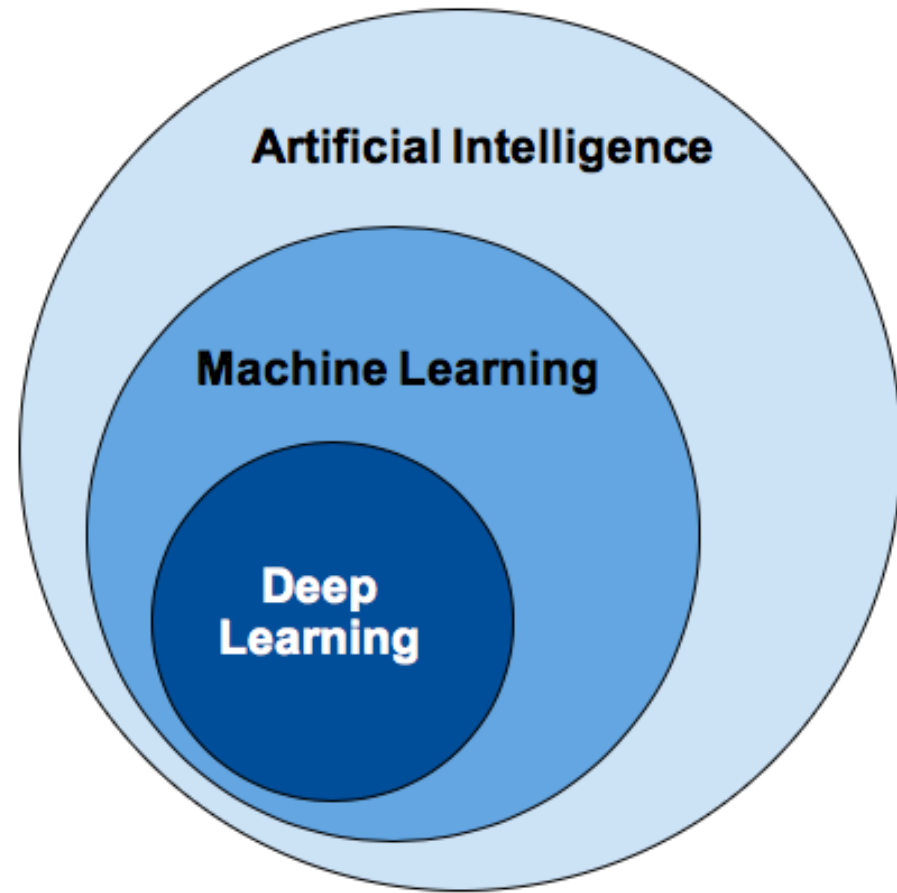
Faculty of Computer & Information



Sciences - Mansoura University.

ARTIFICIAL INTELLIGENCE

- **Artificial Intelligence** is the ability for a computer to think, learn and simulate human mental processes, such as perceiving, reasoning, and learning.
- It can also independently perform complex tasks that once required human input.

How Does Machine Learning Relate to AI?



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- Although the terms artificial intelligence (AI) and machine learning are frequently used interchangeably, (machine learning is a subset of the larger category of AI.)
 - Artificial intelligence signifies computers' general ability to mimic human thought while carrying out tasks in real-world environments.
 - Machine learning implies to the technologies and algorithms that allow systems to recognize patterns, make decisions, and improve themselves through experience and data.

AI Applications





Thank you