Faculty of engineering| - Shoubra Benha University

Artificial Intelligence

course name: computer

course code: ece001

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| id | 1027 |
| Course name | computer |
| Topic | Artificial intelligence |

* **Artificial intelligence**  
  refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving. The ideal characteristic of artificial intelligence is its ability to rationalize and take actions that have the best chance of achieving a specific goal. A subset of artificial intelligence is machine learning, which refers to the concept that computer programs can automatically learn from and adapt to new data without being assisted by humans. Deep learning techniques enable this automatic learning through the absorption of huge amounts of unstructured data such as text, images, or video.

So we can define it by:

* An intelligent entity created by humans.
* Capable of performing tasks intelligently without being explicitly instructed.
* Capable of thinking and acting rationally and humanely.
* **Screenshots for my website**

1. Main page:

Contains introduction about this topic and all factors I will talk.

* Including image and 6 pages linked to each other.

Graphical user interface, website

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Graphical user interface, website

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1. Definition of AI:

Graphical user interface, text, application, Word

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1. Applications for AI:

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1. Categorization of AI

* This page include image and list that required in the website.

Graphical user interface

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1. How the AI works?

* This page include image and list that required in the website.

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Text

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1. The advantages an disadvantages of AI

* This page include table and list that required in the website.

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* **Screenshots for the source code:**

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