



Faculty of engineering - Shoubra
Benha University

Research Article / Research Project / Literature Review

in fulfillment of the requirements of

Department	Engineering Mathematics and Physics
Division	-----
Academic Year	2019-2020 Preparatory
Course name	computer
Course code	ECE001

Title: -

Build a website on recent computer engineering topics|
by

Name	Edu mail	B.N	Tobic
أحمد عقل أبو العز Ahmed Akl AboElazz	ahmed195101@feng.bu.edu.eg	98	Artificial Intelligence

Examiners committee

1	Dr.Ahmed Bayoumi
2	Dr.Shady Elmashad
3	Dr. Abdelhamid Attaby

Github link : <https://github.com/ahmedakl045/ECE001-ahmedakl.github.io>

Github page : <https://ahmedakl045.github.io/ECE001-ahmedakl.github.io/>

Application brief :

Artificial Intelligence is one of the new developments of systems that aim to mimic human reasoning. Scientists have made huge strides in weak AI systems, while in strong AI systems they have made just a modest mark. Some of us have at some point in our lives used Siri, Google Assistant, Cortana or even Bixby. What is it? They are our personal Digital Assistants. They help us find useful information when we ask with our voice; we can say 'Hey Siri, show me the nearest fast food restaurant' or 'Who is the twenty-first US President? 'And the assistant will respond with the correct Data through either your phone or a web search. This is simple Artificial Intelligence proof! Let's read some more! Artificial Intelligence is the ability to understand and analyze on a computer program.

In the year 1950 John McCarthy coined the word Artificial Intelligence. He said, 'Every aspect of learning or any other feature of intelligence can in principle be so precisely described that a machine can be made to simulate it. An attempt will be made to find how to make machines use language, form abstractions, and concepts, solve kinds of problems now reserved for humans, and improve themselves.

Screenshots :

Artificial Intelligence main page

links

- [Main page](#)
- [What is Artificial Intelligence?](#)
- [How artificial intelligence will change the world in future?](#)
- [Applications on Artificial Intelligence](#)
- [The dangers of Artificial Intelligence](#)

This page is about introducing artificial intelligence and its future uses and how it will change the world

The Definition of Artificial Intelligence page

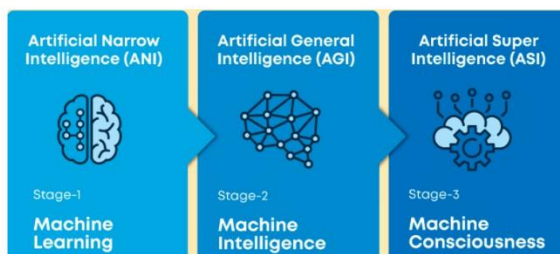
links

- [Main page](#)
- [What is Artificial Intelligence?](#)
- [How artificial intelligence will change the world in future?](#)
- [Applications on Artificial Intelligence](#)
- [The dangers of Artificial Intelligence](#)

The Definition of Artificial Intelligence

(AI) refers to the simulation of human intelligence in computers programmed to think like human beings and to mimic their actions. The word can also refer to any computer that displays human mind-related characteristics such as learning and problem-solving. Previous benchmarks that defined artificial intelligence become outdated as technology advances. For example, machines that calculate basic functions or recognize text by optimal recognition of character are no longer considered to embody artificial intelligence, as this function is now taken for granted as an inherent computer function. The first thing that most people generally think about when they hear the word artificial intelligence is robots. This is because large-budget movies and novels weave tales about human-like machines this wreak havoc on Earth. There could be nothing further from the truth, however. Artificial intelligence is based on the idea that human intelligence should be described in such a way that a computer can easily imitate it and perform tasks, from the simplest to the more complex. Artificial intelligence targets include comprehension, reasoning, and perception. Previous benchmarks that defined artificial intelligence become outdated as technology advances. For example, machines that calculate basic functions or recognize text by optimal recognition of character are no longer considered to embody artificial intelligence, as this function is now taken for granted as an inherent computer function.

Types of Artificial Intelligence



Artificial Intelligence in future

links

- [Main page](#)
- [What is Artificial Intelligence?](#)
- [How artificial intelligence will change the world in future?](#)
- [Applications on Artificial Intelligence](#)
- [The dangers of Artificial Intelligence](#)

A table shows how artificial intelligence will change the world in future

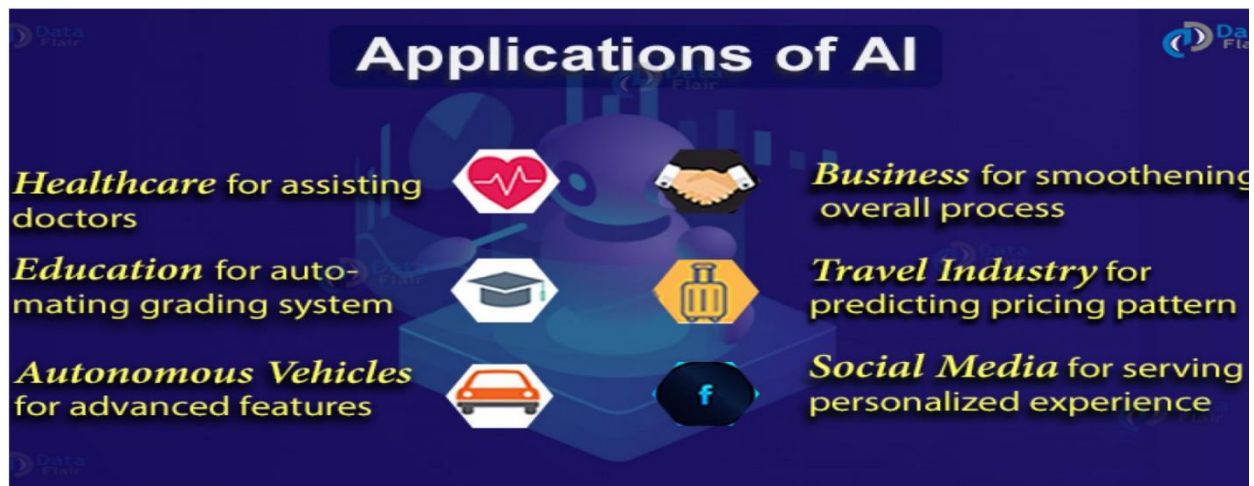
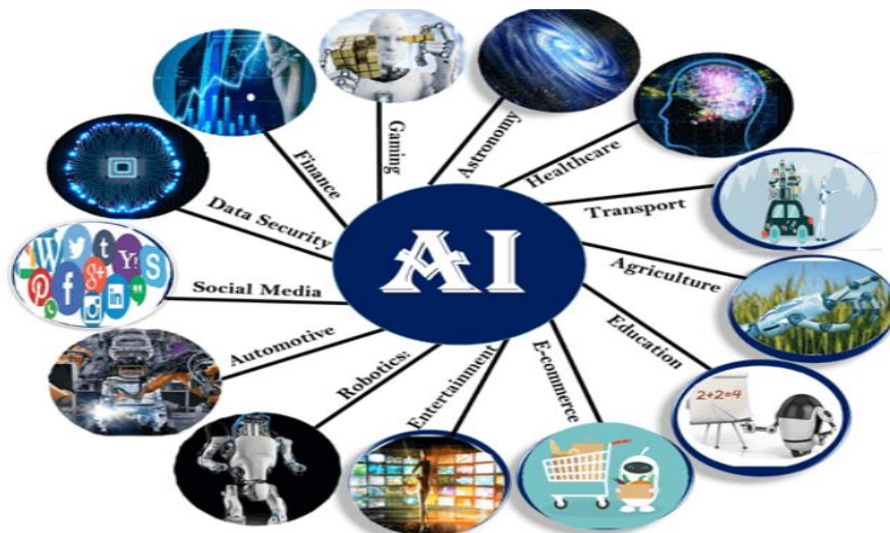
Industry or Usage Context (specific firm or AI application)	Description
AI in driverless cars (e.g., Tesla)	In the future, AI-enabled cars may allow for car journeys without any driver input, with the potential to significantly impact various industries (e.g., insurance, taxi services) and customer behaviors (e.g., whether they still buy cars)
Online retailing AI (e.g., Birchbox)	AI will enable better predictions for what customers want, which may cause firms to move away from a shopping-then-shipping business model and toward a shipping-then-shopping business model
Fashion-related AI (e.g., Stitch Fix)	AI applications support stylists, who curate a set of clothing items for customers. Stitch Fix TM 's AI analyzes both numeric and image/other non-numeric data.
Business process AI (e.g., IBM Interact)	AI used for multiple (simple) applications, such as customized offers (e.g., Bank of Montreal).

Application on Artificial Intelligence

links

- [Main page](#)
- [What is Artificial Intelligence?](#)
- [How artificial intelligence will change the world in future?](#)
- [Applications on Artificial Intelligence](#)
- [The dangers of Artificial Intelligence](#)

Images shows applications-of-Artificial Intelligence



The dangers of Artificial Intelligence

links

- [Main page](#)
- [What is Artificial Intelligence?](#)
- [How artificial intelligence will change the world in future?](#)
- [Applications on Artificial Intelligence](#)
- [The dangers of Artificial Intelligence](#)

When seeing this headline, many AI researchers roll their eyes: "Stephen Hawking warns that the rise of robots may be disastrous for mankind." And as many have lost count of how many similar articles they've seen. These articles are usually accompanied by a robot of evil appearance carrying a sword. And they suggest that we should worry about the rising and killing of robots, because they have become conscious and/or evil. Such articles are, in fact, quite impressive on a lighter note, because they summarize the scenario that AI researchers are not concerned about. That scenario brings together as many as three distinct misconceptions: concern for consciousness, evil, and robots. You have a subjective view of colors, sounds, etc. while driving down the lane. But is there a subjective experience to a self-driving car? Does being a self-driving car actually feel like anything at all? Though this mystery of consciousness is in its own right interesting, it is irrelevant to the risk of AI. If you find yourself hit by a driverless car, it makes no difference to you whether it subjectively feels conscious. In the same way, what will affect us humans is what superintelligent AI does, not how it subjectively feels. Another red herring is the fear of machines which turn evil. The real worry is not malevolence but skill. By definition, a superintelligent AI is very good at achieving its goals, no matter what they may be. But we have to make sure the priorities match with ours. Generally speaking, humans don't hate ants but we're smarter than they are â€” so if we want to build a hydroelectric dam and there's an anthill there, too bad for the ants. The Beneficial-AI movement wants to avoid putting humanity in those ants' position.

Source code:

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<!DOCTYPE html>
<html>
<head>
  <title>Artificial Intelligence main page
</title>
</head>
<body>
  <h1>Artificial Intelligence main page
</h1>
  <h2>links</h2>
  <ul>
    <li><a href="Artificial Intelligence main page.html">Main page</a></li>
    <li><a href="What is Artificial Intelligence.html">What is Artificial Intelligence?</a></li>
    <li><a href="how artificial intelligence will change the world in future.html">How artificial intelligence will
    <li><a href="applications on Artificial Intelligence.html">Applications on Artificial Intelligence</a></li>
    <li><a href="The dangers of Artificial Intelligence.html">The dangers of Artificial Intelligence</a></li>
  </ul>
  This page is about introducing artificial intelligence and its future uses and how it will change the world
</body>
</html>
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<!DOCTYPE html>
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  </ul>
  <h2>The Definition of Artificial Intelligence</h2>
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  <h2> Types of Artificial Intelligence </h2>
  
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    <li><a href="applications on Artificial Intelligence.html">Applications on Artificial Intelligence</a></li>
    <li><a href="The dangers of Artificial Intelligence.html">The dangers of Artificial Intelligence</a></li>
  </ul>
  <h2>Images shows applications-of-Artificial Intelligence</h2>
  
  
</body>
</html>

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    <li><a href="applications on Artificial Intelligence.html">Applications on Artificial Intelligence</a></li>
    <li><a href="The dangers of Artificial Intelligence.html">The dangers of Artificial Intelligence</a></li>
  </ul>
  <h2> A table shows how artificial intelligence will change the world in future </h2>
  <table style="width:100%">
    <tr>
      <td>
        <tr>
          <td>AI in driverless cars (e.g., Tesla)</td>
          <td>In the future, AI-enabled cars may allow for car journeys without any driver input, with th
        </tr>
        <tr>
          <td>Online retailing AI (e.g., Birchbox)</td>
          <td>AI will enable better predictions for what customers want, which may cause firms to move a
        </tr>
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