**Name :** محمود خالد سيد عبدالسلام

**B.N: 841**

**Date : 5/6/2001**

**Topic: Artificial Intelligence**

**Github link :**

**Github page :**

**Application brief :**

**Artificial Intelligence (A.I.) is a multidisciplinary field whose objective is to automate activities that currently demand human intelligence. Latest accomplishments at A.I. Include computerized medical diagnostics and applications that automatically adapt the equipment to individual user needs. The major areas of issue addressed in A.I. Can be summarized as Perception, Manipulation, Motivation, Communication.Perception is concerned with constructing physical world models from the sensory input (visual, audio, etc.). Manipulation is about articulating appendages (e.g. mechanical arms, locomotive devices) to achieve a desired state in the physical world.**

**Reasoning is concerned with higher level cognitive functions such as planning, drawing inferential conclusions from a world model, diagnosing, designing, etc. Communication treats the problem understanding and conveying information through the use of language. Finally, Learning treats the problem of automatically improving system performance over time based on the system's experience.A lot of important technical concepts originated from A.I. That unifies these diverse problem areas and forms the basis for scientific discipline.**

# Screeshots :

# Artificial Intelligence

## links

- main page
- Introduction to Artificial Intelligence
- Pros and Cons Table Artificial Intelligence
- Artificial Intelligence Image
- List of Artificial Intelligence types

This is the advantages and disadvantages of artificial Intelligence

| Advantages | Disadvantages |
| --- | --- |
| Less Room for Errors | Expensive to Implement |
| Right Decision Making | Dependency to Machine |
| Work in Risky Situations | Replaces Humans |
| Can Work 24*7 | Restricted Work |

# Artificial Intelligence

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this is Artificial Intelligence feed

```html
<!Doctype html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="description" content="Artificial Intelligence">
    <title>List of Artificial Intelligence Types</title>
    <style>
      table caption {color:#00f;font.weight:bold;background:#FFF}
      table td {text-align:center;background:#EEE;padding:5px}
      thead td {font-weight:bold;text-align:center;background;#EEE;padding:5px}
      tbody td {padding:5px]
    </style>

  <body>
    <h1>Artificial Intelligence</h1>
    <h2>links</h2>
    <ul>
      <li><a href="index.html">main page</a></li>
      <li><a href="p1.html">Introduction to Artificial Intelligence</a></li>
      <li><a href="p2.html">Pros and Cons Table of Artificial Intelligence</a></li>
      <li><a href="p3.html">Artificial Intelligence Image</a></li>
      <li><a href="p4.html">List of Artificial Intelligence types</li>
    </ul>
    <br></br>
    <h3>Types of Artificial Intelligence</h3>
    <ol>
      <li>reactive machines</li>
      <li>imited memory</li>
      <li>theory of mind</li>
      <li>self-awareness</li>
    </ol>
  </body>




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     <p><br>Intelligence, as we know, is the ability to acquire and apply the knowledge.</br>
        Knowledge is the information acquired through experience.<br>
        Experience is the knowledge gained through exposure(training). Summing the terms up,</br>
        we get artificial intelligence as the "copy of something natural(i.e., human beings) "</p>

        <img src="artificial-intelligence.jpg" alt="artificial-intelligence" width="900" height="500">
    </body>
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     </ul>
     <br></br><br></br>
     <table border="4" width="650" height="450">
      <caption>This is the advantages and
               disadvantages of artificial Intelligence
      </caption>
      <thead>
       <tr>
        <th>Advantages</th>
        <th>Disadvantages</th>
       </tr>
      </thead>
      <tr>
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       <td>Expensive to Implement</td>
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Artificial intelligence (AI) refers to the simulation of human intelligence
in machines that are programmed to think like humans and mimic their actions.<br>
 The term may also be applied to any machine that exhibits traits associated
 with a human mind such as learning and problem-solving.</br>
Understanding Artificial Intelligence
When most people hear the term artificial intelligence, the first
thing they usually think of is robots.<br>
That's because big-budget films and novels weave stories about human-like
machines that wreak havoc on Earth.</br>
But nothing could be further from the truth.

Artificial intelligence is based on the principle that human intelligence can be defined in a way<br> that a machine can easily mimic it and execute tasks,
 from the most simple to those that are even more complex.</br> The goals of artificial intelligence include learning, reasoning, and perception.

As technology advances, previous benchmarks that defined artificial intelligence become outdated. For example,<br>
 machines that calculate basic functions or recognize text through optimal character recognition</br> are no longer considered to embody artificial intelligence,
 since this function is now taken for granted as an inherent computer function.<br>

AI is continuously evolving to benefit many different industries. Machines are wired using a cross-disciplinary approach based in mathematics,
 computer science, linguistics, psychology, and more.</br>


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# Refernces

## https://ieeexplore.ieee.org/document/1152096/

## www.google.com

## https://www.EKB.com