

Daily Assessment format

Date: 22 May 2020

Name: Jyoti S. Dour

Course: TCS 101

Topic: Understand artificial intelligence

(AI)-part 1

Understand artificial intelligence

(AI)-part 2

GitHub

repository: jyoti-courses

Forenoon session details

image of session

<Understand artificial... >

Attempts taken 01

Duration 10 Mins

start time

18 May 2020 12:00 AM

17 Jul 2020 12:00 AM

View Assessment Analysis

At the end of Assessment

Already cleared Assessment

My Attempts

Attempted on 22 May 2020 1:30 PM

Attempted

duration

0:30:15 Hrs (1:45 PM)

Report

Understand artificial intelligence (AI) part 1

In this course, we are able to understand the role of basic knowledge representation, problem solving learning methods in AI in engineering intelligent systems.

objectives

Develop intelligent systems by assembling solutions to concrete computational problems Appreciate the role of problem solving, natural language processing & vision in understanding human intelligence from a computational perspective

Goals

- write game playing programs
- Formulate problem as state space search problem & efficiently solve them.
- use machine learning to find patterns in data build expert systems.

What is Ai

- Artificial intelligence is concerned with the design of intelligence in an artificial device.
- Typical Ai problems intelligent entities need to be able to do both mundane & expert task.
 - Mundane tasks planning route, activity
 - Recognizing people, objects
 - communicating navigating around obstacles on the street
 - Expert tasks medical diagnosis mathematical problem solving intelligent behaviors perception.
 - Reasoning
 - Learning
 - understanding language solving problems.

Application Computer vision

- Image recognition
- Robotics language processing

Configuring products

practical impact of AI components are embedded in numerous device AI systems are in every use

- Detecting credit card fraud
 - Aiding complex planning tasks advising physicians
- Approaches to strong AI aims to build machine that can truly reason & solve problems which itself aware & whose overall intellectual ability is indistinguishable from that of a human being human like non-human like.

Weak AI: Deals with the creation of some form of computer-based artificial intelligence that can't truly reason & solve problems, but can act as if it were intelligent.

- Weak AI holds that suitably programmed machine can simulate human cognition
- Strong AI maintains that suitably programmed machine is capable of cognitive mental states
- Limits of AI today's successful AI systems operate in well-defined domains employ narrow, specialized knowledge.

Daily Assessment format

Date: 22/5/2020

Name: Jyoti S. Dhone

Course: Python

USN: 6AL17EC037

Topic: Application 2: create web maps
with python & folium

Afternoon session details

image of session

```
<div class="home">  
  <h1>My homepage</h1>  
  <p>This is a test website</p>  
</div>  
</body>  
</html>
```

Report

Install opencv.

1. open the command line & type
pip install opencv-python

2. open a python session & try
import cv2

3. If you get to no errors you installed opencv
successfully, may problem occurs.

1. My opencv installation didn't work on windows
Solution uninstall opencv with

• pip uninstall opencv-python & download a wheel
whl() file from this link & install the file with pip
Make sure you download the correct file for your
windows & your python versions. For ex: for python

3.6 on windows 64 bit you would do this

• pip install opencv-python-3-20-ep30m-wiwin64.whl

• Try to import cv2 in python again. if there's still an error, type the following again in the command line.

• Pipe install opencv python

• try importing

• again it should work at this point,

• My opencv installation didn't work on mac

Solution

if pip install opencv python didn't work install opencv for python2 & use python2 to run the program that contains v2 code. Because python2 is installed by default on mac, you don't need to install python2

Here are the steps to correctly install opencv:

• install brew,

• to install & operate your email & execute the following opencv depends on GTK-(terminal):

Brew install gtk

• install opencv with brew

Brew install opencv

• open python 2 by typing

python

import cv2 in python

import cv2

so install that dependency first with brew (always from the if you get no errors. you installed opencv successfully).