

DAILY ASSESSMENT FORMAT

Date:	22-05-2020	Name:	K Muthu
Course:	TCS-ION CAREER EDGE	USN:	4a17ec038
Topic:	Understand Artificial Intelligence (AI) - Part 1 Understand Artificial Intelligence (AI) - Part 2 Assessment	Semester & Section:	6 & 'A'
Github Repository:	K.Muthu-courses		

FORENOON SESSION DETAILS

Image of session

Total Marks	Pass Marks	Attempts Taken	Duration	Start Time	View Assessment Analysis	Already cleared assessment.
30.0	18.0	01	30 Mins	17 May 2020 12:00 AM TO 16 Jul 2020 12:00 AM	At the End of Assessment	
My Attempts						
Attempted On	Attempted Duration (Submission Time)		Marks Obtained	Status	Action	
22 May 2020 10:35 AM	0:4:48 Hrs(10:39 AM)		28.0/30.0	Pass	-	

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This is to certify that
Muthu K
has successfully completed
Career Edge - Knockdown the Lockdown
online course offered by TCS iON

Start Date: 17 May 2020 | End Date: 22 May 2020

Topics:

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence* (Source: NPTEL)



Mehul Mehta
Mehul Mehta
Global Delivery Head, TCS iON

Report – Report can be typed or hand written for up to two pages.

Understand Artificial Intelligence (AI) - Part 1 :

- Artificial Intelligence is concerned with the design of intelligence in an artificial device.
- The Turing test is the test in which if the interrogator cannot reliably distinguish the human from the computer then the computer does possess (artificial) intelligence.
- Intelligent entities need to be able to do both "mundane" and "expert" tasks.
- AI components are embedded in numerous devices, ex: copy machines.
- Immediate translation between people speaking different languages would be a remarkable achievement of AI.
- Strong AI aims to build machines that can truly reason and solve complex problems.
- Weak AI deals with the creation of some form of computer based AI that cannot truly reason and solve problem.

Understand Artificial Intelligence (AI) - Part 2 :

- Agents operate in an environment and then perceives its environment through sensors.
- Then acts upon the environment through actuators/effectors.
- Fundamental of AI are,
 - ✓ Acting
 - ✓ Sensing
 - ✓ Understanding, reasoning and learning
- Performance measure is a subjective measure to characterize how successful an agent is.
- Rational action is the action that maximizes the expected value of the performance measure given the percept sequence to data.

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Date: 22-05-2020

Name: K Muthu

Course: Python Bootcamp 2020 build 15
working applications and Games

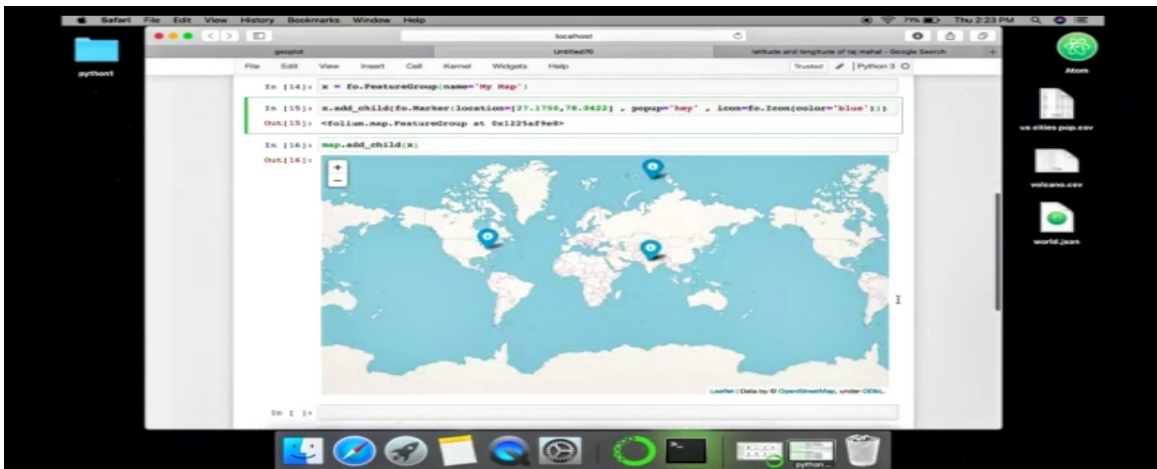
USN: 4a117ec038

Topic: Create Webmaps with Python and
Folium.

Semester 6 & 'A'
& Section:

AFTERNOON SESSION DETAILS

Image of session



Lectures

More



Section 28 - Project-6 Geographical plot using folium



230 ☒ Introduction to this module

Video - 00:41 mins



231 ☒ Creating basic webmap

Video - 05:50 mins



232 ☒ Adding child

Video - 08:59 mins



233 ☒ Multiple markers



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Create Webmaps with Python and Folium :

- Folium is a Python package built to bridge the data wrangling muscle of Python with Leaflet's easy-to-use library for creating attractive, interactive web maps.
- The open source Leaflet is a highly popular web mapping tool due to its flexibility.
- The resulting maps show a straightforward exercise in extracting the geographic coordinates.
- Folium is used to initialize a Leaflet map.
- The Pandas library is used to read the CSV document and convert the desired information to a dataframe.
- The latitude and longitude values extracted from the CSV file are used for marking in the map.
- Then the desired location is marked on the map using Folium attributes.