ONLINE WEBINAR

ON

"MACHINE LEARNING USING PYTHON"

A

REPORT

On

Six Days certification program on

"Machine Learning using Python "

held from

11th May 2020

to

16th May 2020

Organized by

Academic Year: 2019-2020

Department of Masters of Computer Applications

K. K. Wagh Institute of Engineering Education and Research, Nashik

HirabaiHaridas Vidyanagari, Amrutdham, Nashik, Maharashtra 422203

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1. OBJECTIVE

Objectives:

- To Understand the basic concept of Machine Learning using python

- To help students understand the basic implementations of Python in Machine Learning

- To Make Students Understand the various challenges and opportunities in this field

- To set a basic foundation Of Machine Learning

2. BRIEF OF THE CERTIFICATION WEBINAR

2. Brief of Certification Program

Department of MCA had organized six days webinar on "Machine Learning Using Python Programming", from 11th May 2020 to 16th May 2020.

This program was focused on the importance of Knowing and Machine learning since it is one of the growing trends among the IT people.

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves

Benefits that make Python the best fit for machine learning and AI-based projects include simplicity and consistency, access to great libraries and frameworks for AI and machine learning (ML), flexibility, platform independence, and a wide community. These add to the overall popularity of the language.

Additionally, Python is appealing to many developers as it's easy to learn. Python code is understandable by humans, which makes it easier to build models for machine learning.

Many programmers say that Python is more intuitive than other programming languages. Others point out the many frameworks, libraries, and extensions that simplify the implementation of different functionalities. It's generally accepted that Python is suitable for collaborative implementation when multiple developers are involved. Since Python is a general-purpose language, it can do a set of complex machine learning tasks and enable you to build prototypes quickly that allow you to test your product for machine learning purposes.

The webinar was inaugurated on 11th May 2020 and were divided into session, Session 1 from 1.00. pm to 2:30.pm and Session 2 from 3.00.pm to 5.00pm. Experienced expertise from the field was invited to teach the students. Students were given offline assignments as well to implement their knowledge and concepts they learnt during the webinar programme.

Total 73 participants had registered for this certification program out of which 63 completed. We received tremendous responses from the students and we also received a lot of positive feedback as well

Dr. V. C. Bagal, Head of Department of MCA was the convener of the certification program and Mrs. A. L. Rane was a co-convener.

Archana L. Rane

Co-Convener

Certification program "Machine Learning using Python"

Copy to: Prof. Dr. V. C. Bagal, I/C Head, Department of MCA, KKWIEER, Nashik

Day 1: 11th May, 2020-Monday

Time Slot: 1.00pm to 2.30.pm

Srinivas Alva, who is the Machine Learning Engineer at CIMCOM, Software Solutions Pvt Ltd, Ahmedabad discussed on the Topic: Introduction to Machine Learning, Applications, challenges and opportunities

Time Slot: 3.00.pm to 5.00.pm

Assistant Professor Archana L. Rane ,

Department of MCA, KKWIEER, Nashik helped the students through the Installation of Python, Getting started with Python basic commands

Day 2:Tuesday, 12th May 2020

Time Slot: 1.00pm to 2.30.pm

On the second day, Carolin James ERP who is a Consultant, Birlasoft Ltd, Pune discussed on the topic: How to use ORACLE ERP in Machine Learning for Predictive Analysis 3

Time Slot: 3.00.pm to 5.00.pm

Students were given some assignments and they had to do it in this session 2.

Day 3 :Wednesday,13th May 2020

Time Slot: 1.00pm to 2.30.pm

On the third day, Shubhi Johari, working as Sr. IT Consultant, at Cognizant Technology Solutions Pvt Ltd, Singapore made students aware of the Python history, features, operators, control structures

Time Slot: 3.00.pm to 5.00.pm

Students were given some assignments and they had to complete it and submit it as well.

Day 4:Thursday, 14th May 2020

Time Slot: 1.00pm to 2.30.pm

On the fourth day, Bharati Sovani working as Assistant Professor at Datta Meghe College of Engineering, Airoli taught the students the concepts of: Functions in Python, Object-Oriented Programming Concepts in Python, File handling in Python

Time Slot: 3.00.pm to 5.00.pm

Students were given some assignments and they had to do it in this session 2.

Day 5:Friday, 15th May 2020

Time Slot: 1.00pm to 2.30.pm

On the fifth day, Akhil Jabbar Mirja, working as Professor in CSE Vardhaman College of Engineering, Hyderabad taught on the Solving Complex problems using Python

Time Slot: 3.00.pm to 5.00.pm

Students were given some assignments and they had to do it in this session 2.

Day 6:Saturday, 16th May 2020

Time Slot: 1.00pm to 2.30.pm

On the last day of the session, Yonten Jamtsho, an Associate Professor at the Gyalpozhing College of Information Technology, Royal University of Bhutan discussed on the topic: Statistics using Python

Time Slot: 3.00.pm to 5.00.pm

Students were given some assignments and they had to do it in this session 2.

3. LETTERS

4. ORGANIZING COMMITTEE

Five Days Certification program on

Machine Learning using Python Programming

Organizing Committee

Dr. V. C. Bagal	Convener
Prof. A. L. Rane	Co-Convener
Prof. M. E. Maniyar	Committee Member
Prof. M. r. Sonar	Committee Member
Prof. P. G> Fegade	Committee Member
Prof. R. A. Gangurde	Committee Member
Prof. P. S. Pimple	Committee Member
Prof. S. K. Chaudhari	Committee Member
Mr. V. G. Shinde	Attendant
Sreelakshmi Suresh	Student Coordinator
Sampda Patwardhan	Student Coordinator

5. SCHEDULE AND SPEAKER DETAILS

K. K. Wagh Education Society's
K. K. Wagh Institute of Engineering Education and Research, Nashik
Hirabai Haridas Vidyanagari, Amrutdham, Panchvati, Nashik, Maharashtra-422003
Phone:(0253)2221286, 2512876, Fax:(0253)2511962
Website: www.engg.kkwagh.edu.in

(Affiliated to Savitribai Phule Pune University and Approved by All India Council for Technical Education, New Delhi)

Department of MCA organizes
Online Webinar
On

"Machine Learning using Python Programming"

11th May 2020 to 16th May 2020

Sr No	Date	Session	Time	Name of Speaker	Designation	Name of Industry/ Institut	Topic
1	11th May 2020	Session 1	1.00 to 2.30	Srinivas Alva	Machine Learning Engineer CIMCOM	Software Solutions Pvt Ltd, Ahmedabad	Introduction to Machine Learning, Applications, challenges and opportunities
2		Session 2	3.00 to 5.00	Archana L. Rane	Assistant Professor	Department of MCA, KKWIEER, Nashik	Installation of Python, Getting started with Python basic commands
3	12th May 2020	Session 1	1.00 to 3.00	Shubhi Johari	Sr. IT Consultant,	Cognizant Technology Solutions Pvt Ltd, Singapore	Python history, features, operators, control structures
4	13th May 2020	Session 1	1.00 to 3.00	Madhura Phadke	Assistant Professor	Datta Meghe College of Engineering, Airoli	Functions in Python, Object-Oriented Programming Concepts in Python, File handling in Python
5	14th May 2020	Session 1	1.00 to 2.00 & 2.00 to 3.00	Aparna R. Srinidhi Hiriyannaiah	Assistant Professor	Department of Compute Science , Ramaiah Institute of Technology, Bangalore	Solving Complex problems using Python
6	15th May 2020	Session 1	1.00 to 3.00	Carolin James	ERP Consultant	Birlasoft Ltd, Pune	How to use ORACLE ERP in Machine Learning for Predictive Analysis
7	16th May 2020	Session 1	1.00 to 2.00	Dr. Vandana C. Bagal	I/C Head and Associate Professor	Department of MCA, KKWIEER, Nashik	Statistics using Python

Archana L. Rane
Online Webinar Coordinator
Department of MCA

Dr. Vandana C. Bagal
I/c Head,
Department of MCA

6. PARTICIPANT LIST

Sr No	Name of Participant	Class	Sr No	Name of Participant	Class
1	Nikita Damale	SYMCA	33	Gunjan Nitin Chaudhari	FYMCA
2	Shivani Rajendra Kulkarni	SYMCA	34	Taskar Damini Rajendra	SYMCA
3	Kunal Ghanashyam Patil	SYMCA	35	Sarvesh Chaudhari	SYMCA
4	Prashant	SYMCA	36	Kottilthara Sreelakshmi Suresh	FYMCA
5	Gayatri Sharad Gadekar	SYMCA	37	Minal Chaudhari	FYMCA
6	Harshal chaudhari	FYMCA	38	Kanishka Ujjain	SYMCA
7	Mohini Ravindra Shirole	SYMCA	39	Vikram sanap	SYMCA
8	Vishakha Bhinde	SYMCA	40	Krushana Chintaman Deshmukh	SYMCA
9	Blessen Alex	SYMCA	41	Ashwini Atmaram Karle	SYMCA
10	Vikas B. Jadhav	FYMCA	42	Suyasha Vilas Pujari	SYMCA
11	Nisha R Tarte	FYMCA	43	Snehal Gajanan Kulthe	SYMCA
12	Chaitanyan pawar	SYMCA	44	Yuvraj Deshmukh	FYMCA
13	Bhushan Joshi	SYMCA	45	AKSHAY BHALERAO	SYMCA
14	Ashutosh Pagare	SYMCA	46	Damini pawar	SYMCA
15	Prachi Tejwani	SYMCA	47	Mrunali anil bagul	SYMCA
16	Nikita Dinde	FYMCA	48	Pooja Sanjay Pawar	SYMCA
17	Kalyani Uttam Dhondge	FYMCA	49	Harshad handore	SYMCA
18	Aniket Sengupta	SYMCA	50	Vaishnavi Gopal Mundada	FYMCA
19	Mark Fernandes	SYMCA	51	Namrata Patil	FYMCA
20	Radhika Dilip Sanap	SYMCA	52	Pratik Hanphode	FYMCA
21	Purushottam Hemant Chinchore	SYMCA	53	Arti B Pawar	FYMCA
22	Nachiket Nitin Sarode	FYMCA	54	Shinde Komal Dattatray	SYMCA
23	Sampda Suresh Patwardhan	FYMCA	55	Sneha Riteshkumar padvi	SYMCA
24	shubham dixit	SYMCA	56	Vivek Mahale	FYMCA
25	Bhushan more	FYMCA	57	Roshni pardeshi	FYMCA
26	Kapil Hanphode	FYMCA	58	Aakash Agrawal	SYMCA
27	Indrajeet pawar	SYMCA	59	Manisha Bhide	SYMCA
28	Kunal Sonar	FYMCA	60	Trupti Nitin Jagtap	FYMCA
29	Hemant madhukar nikam	FYMCA	61	Mayuri	FYMCA
30	Pardeshi mayur kishorsing	SYMCA	62	Prajakta chavan	FYMCA
31	Neetiratna	FYMCA	63	Vivek Wakchaure	FYMCA
32	Sayema Sadiq Shaikh	SYMCA			

7. CERTIFICATE

K. K. Wagh Education Society's

K. K. Wagh Institute of Engineering Education and Research, Nashik

Department of MCA

Certificate Id: WDT6OS-CE000033

CERTIFICATE OF APPRECIATION

This is to certify that Mr. /Miss. /Mrs. *Mayuri koli* of *FYMCA* has successfully completed the six days Online Webinar on **"Machine Learning using Python Programming"**, dated from 11th May 2020 to 16th May 2020.

Ms. A. L. Rane
Coordinator

Dr. V. C. Bagal
I/c Head, Department of MCA

8. FEEDBACK

Feedback cum Attendance Day 6: Online Webinar on "Machine Learning using Python Programming"

The Department of MCA is organizing a Six days online webinar on "Machine Learning using Python Programming" from 11th May 2020 to 16th May 2020 Webinar aims to introduce how to use machine learning concepts using python programming.

Email address *

Valid email address

This form is collecting email addresses. Change settings

Name of Participant *

Short answer text

Class *

- FYMCA
- SYMCA
- TYMCA
- Faculty

1. How would you rate the effectiveness of Presenter/ Presentation? *

- High
- Medium
- Low

2. How would you rate the duration of the program? * *

- ◯ High
- ◯ Medium
- ◯ Low

3. How would you rate the coverage of topics in the program? * *

- ◯ High
- ◯ Medium
- ◯ Low

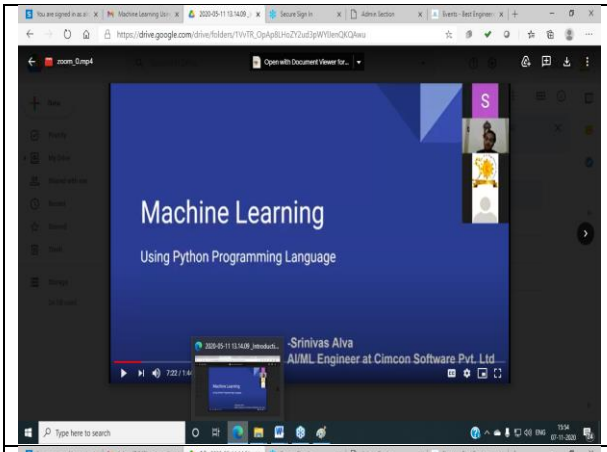
4. How would you rate the applicability of the session? *

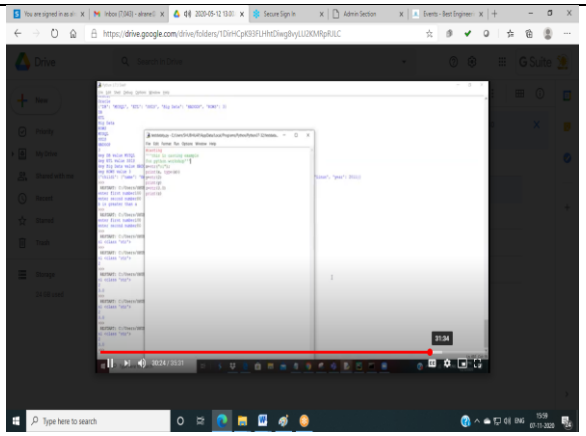
- ◯ High
- ◯ Medium
- ◯ Low

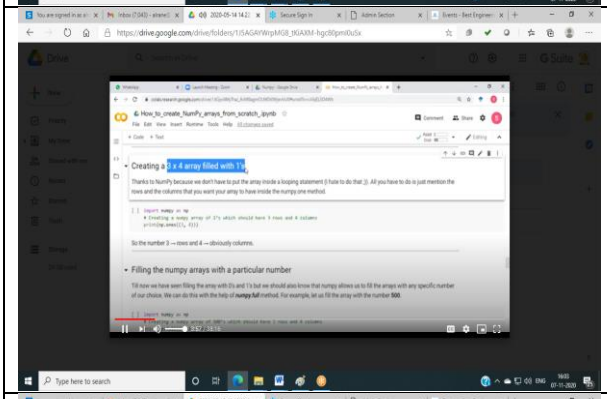
5. Was the session helpful in enhancing your ability of life-long learning? *

- ◯ High
- ◯ Medium
- ◯ Low

9. PHOTOGRAPHS


Machine Learning
Using Python Programming Language
-Srinivas Alva
AI/ML Engineer at Cimcon Software Pvt. Ltd




Creating a 3 x 4 array filled with 1's
Filling the numpy arrays with a particular number