

Machine Learning with Python



SWAMI VIVEKANAND SUBHARTI UNIVERSITY
SUBHARTI INSTITUTE OF TECHNOLOGY & ENGINEERING
(Approved by AICTE)

Subhartipuram, NH-58 Delhi-Haridwar Bypass Road, Meerut -250 005
Ph.: 0121-2439157, Ext. 2222, 2221, Fax: 0121- 2439108
E-mail: principal.site@gmail.com, principal.engg@gmail.com, Website : www.subharti.org



Ref. No: SITE/VA/2019/1(c)

Department of Computer Science Engineering

Date: 16/08/19

NOTICE

Department of Computer Science Engineering is organizing a Value Added Course on 'Machine Learning with Python' from 7th September '19 to 26th October'19. The students of II year, III year and IV year can join the course by filling the registration form and submitting it before 26th august'19. This course is coordinated by Dr. Sanjive Tyagi, Asso. Prof., CSE and Er. Amit Kishor, Asst. Prof, CSE.


H.O.D.(CSE)

CC: The Principal, SITE (for information)


Registrar
Swami Vivekanand
Subharti University
MEERUT

Subhartipuram, NH-58 Delhi-Haridwar-Meerut Bypass Road, Meerut -250005
Email ID: hodcsit.site@gmail.com ; Website: www. subharti.org

Syllabus

TITLE: Machine Learning with Python

Course Objective

Learn Python for machine learning and automation. Machine learning and automation are some of the most popular buzzwords around the business world these days

Day 1-3

Introduction to Programming History of Python Understanding Hardware
Anaconda Distribution Jupyter Notebook Fundamentals Writing First Program
("HelloWorld") Terminal Commands Navigate & Manipulate Directory Structures
Edit Files Basic Scripting Python Fundamentals Data Types Operators
Expression Indexing & Slicing Strings Conditionals Functions Control Flow
Nested Loops Course: Syllabus Python Machine Learning Summer Course
(Level 2) | Sets & Dictionaries | OAT | Sci-
1 | Fundamentals | Import Data Functions Basic Data Tool Advanced Python
11.11 | Table | 1.1.1 | Operations | Tuples, Sets, Dictionaries | Loops Control Flow
List Comprehension Error Handling

Day 4-5

Processing String Methods Read & Write to Text Files Natural Language
Processing Mini Project Object Oriented Programming Classes Constructors Object
Methods Writing Modules Advanced Scripting Terminal & Socket Connection

Day 6-8

Numerical Python Arrays Universal Functions Concatenating, Indexing, Slicing
Arithmetic & Boolean Operations



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REPORT

On

Value Added Course on Machine Learning with Python

A value added course on '**Machine Learning with Python**' was organised by department of computer science engineering, SITE from 7th september to 26th october 2019. 30 students of II year, III year and IV year of CSE branch were enrolled in the course.

Er. AmitKishororganised the course, Dr. SanjiveTyagi was chairman and Dr. Shravan Kumar Garg was the chief patron.

Students were taught about machine learning and python.



Registrar
Swamiji Institute of Technology & Management
Subharti University
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VAC

Machine Learning with Python

LIST OF PARTICIPANTS

S.NO	NAME OF STUDENT	FATHER NAME
1	Anshika Gupta	Anshika Gupta
2	Archit Gupta	Archit Gupta
3	Km Omal	Km Omal
4	Naveen Jugran	Naveen Jugran
5	ShagunTyagi	ShagunTyagi
6	ShivaniSaini	ShivaniSaini
7	Sidra Batool	Sidra Batool
8	Suaib Ali	Suaib Ali
9	Tanya Rajput	Tanya Rajput
10	HarshitRai	HarshitRai
11	Mohit Kumar	Mohit Kumar
12	Sadhvi Devi Verma	Sadhvi Devi Verma
13	Anushka Dixit	AnushkaDixit
14	Km. Archna	Km. Archna
15	Laldingliana	Laldingliana
16	MadhurBurman	MadhurBurman
17	Saurav Mishra	Saurav Mishra
18	Paras Malik	Paras Malik
19	VivekJha	VivekJha
20	SiddhantChaudhary	SiddhantChaudhary
21	Rishi Kumar Jha	Rishi Kumar Jha
22	Abhishek Kumar Singh	Abhishek Kumar Singh
23	ArjunAgrawal	ArjunAgrawal

24	Ashwani Gupta	Ashwani Gupta
25	Vivek Kumar	Vivek Kumar
26	Rajan Singh	Rajan Singh
27	RanaDevVrat	RanaDevVrat
28	RohanSaini	RohanSaini
29	Saurabh Kumar	SaurabhKumar
30	Anjali Krishna Murti	Anjali Krishna Murti

M. J. B.



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CERTIFICATE OF PARTICIPATION
VALUE ADDED COURSE
MACHINE LEARNING WITH PYTHON
(7TH SEPTEMBER 2019 - 26ST OCTOBER 2019)

This is to certify that **Mr. Shagun Tyagi** of CSE branch has **successfully completed the value added course on “Machine learning with Python”**, organised by Computer Science Engineering Department, Subharti Institute Of Technology & Engineering

Er. Amit Kishor
Patron

Dr. Sanjive Tyagi
Chairman

Dr. Shrawan Kumar Garg
Chief Patron