Activity Report

Academic year 2023-24 (July 2023 to June 2024)	
Name of the Activity	Hands-on Workshop on Machine Learning using Python
Date	31st March to 4th April, 2024
Time and Venue	10 am. To 4 pm. on 1,2,3 April 2024
Mode (Online/Offline)	Offline & Online
Please provide the YouTube link (if online)	
Organized by: Name of the Department/Activity Centre	Department of Computer Applications
Event Coordinator/ Faculty In-charge	Prof. Shanthi Krishna R
Nature: Academic /Co-curricular/extracurricular/others	Academic
Topic/Activity	Hands on Workshop on Machine Learning using Python
Resource Person Details (Name, Designation and Organization/Institution)	Dr. M. N. Vijayalakshmi, Dr. S. Anupama Kumar and Dr. Divya T. L
No of Participants	54
Objectives of the activity	• Gain a comprehensive understanding of Machine Learning concepts & algorithms. • Learn how to implement Machine Learning models using Python. • Engage in practical exercises & projects to reinforce learning & enhance skills
Methodology	Lecture using ICT and hands on session using the data sets
Outcome of activity	• Understand Machine Learning & Implementation of different Machine Learning algorithms using Python. • Generation of Confusion Matrix, Scatter plot using Dataset, Regression Analysis etc. • Practical exercises on Clustering, Classification algorithms. • Overall feedback of the workshop – 90% of participants -Very much satisfied. 7% of participants- Satisfied. 3% of participants- Neutral.

Invitation card

SSMRV College®

RV Educational Institutions
SSMRV College
Jayanagar 4th 'T' Block , Bengaluru
Affiliated to Bengaluru City University

Department of Computer Applications
Organizes

**Five days
Hands-on Workshop
on**

MACHINE LEARNING USING PYTHON

In Collaboration with

RV College of Engineering

Department of MCA & Department AI-Ml

Resource Persons:

Registration fee:
Rs. 350/-

Dr.M.N.Vijayalakshmi

Dr.S.Anupama Kumar

Dr. Divya T.L

DATE AND TIME:
31STMARCH -4TH APRIL-2024
10AM-4PM

VENUE :
4TH FLOOR ,DEPARTMENT OF
COMPUTER APPLICATIONS

Go, change the world®

Brochure

Workshop Highlights

- Gain a comprehensive understanding of Machine Learning concepts and algorithms.
- Learn how to implement Machine Learning models using Python, a versatile and powerful programming language.
- Engage in practical exercises and projects to reinforce your learning and enhance your skills.
- Receive guidance from experienced instructors who are experts in the field of Machine Learning

Program Outline

DAY 1

Pre-Requisite

DAY 2

- Introduction to ML-Types
- Python, scikit-learn, Essential Libraries and Tool, Data Preparation – Hands-on session on Data Understanding and Pre processing
- Supervised Learning – Classification – Evaluation Techniques – K Nearest Neighbour - Hands-on using Python

DAY 3

- Classification – Decision Tree - Hands-on using Python
- Naïve Bayes – Hands-on using Python
- Linear and Logistic Regression

DAY 4

- Unsupervised Learning – Clustering – Types of Clustering - Cluster Evaluation
- K Means Clustering – Hands-on using Python
- Semi-Supervised Learning - DBSCAN - Other Clustering Algorithms

DAY 5

- Assessment

Trainers Profile

Dr.M.N.VIJAYALAKSHMI

MCA, MPhil,PhD
RV College of Engineering

Dr S Anupama Kumar

MCA, MPhil ,PhD
RV College of Engineering

Dr. DIVYA T.L

PhD
RV College of Engineering

Participant list

SSMRV College®

Hands-on Workshop on Machine Learning using Python

Attendance Sheet

Sl. No.	Faculty Name	Name of the College	Session1	Session 2	Session 3	Session 4	Session 5	Session 6
1	Roopa. P	VET First Grade College 92370 16265						
2	SHILPA NAYAK	M S Ramaiah College of Arts, Science & Commerce	1/4/24	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24
3	Vignesh V	Global Institute of Management Science	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
4	Ghousiya Y	Jame-ul-uloom institute of information science	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
5	DELEELA. A	ABBAS KHAN COLLEGE FOR WOMEN	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
6	Harspriyo. M	Vijaya College, Jayanagar	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
7	Sadiqa Khanum	Al-Ameen Institute of Information Science	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
8	HARITHA. N	NMKRV College for Women	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
9	Bindhya. M	NMKRV College for women	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
10	Uma. M	IZEE BUSINESS SCHOOL	1/4/24	1/4/24	2/4/24	3/4/24	3/4/24	3/4/24
11	Kalyani. S. A	NMKRV college for women	1/4/24			Repeated		
12	Nazira	Jame-ul-Uloom Institute of Information Science	1/4/24	1/4/24	2/4/24	2/4/24	2/4/24	2/4/24
13	Sowmya S	Vijaya College, R V Road	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
14	Dharani N Gowda	The National College, Jayanagar	1/4/24	1/4/24	2/4/24	2/4/24	3/4/24	3/4/24
15	M. Rajukrishna krishore	Padmashree Institute of mgt & Sci	1/4/3	1/4/24	2/4/24	3/4/24	3/4/24	3/4/24

Sl. No.	Faculty Name	Name of the College	Session1	Session 2	Session 3	Session 4	Session 5	Session 6
16	Dr. M S Jyothi	Royal college of Arts, Science & Mgt						
17	Prof. Bindu. L	RBANMs First Grade College						
18	Prof. M. Nandita Varma	R BAN Ms First Grade						
19	Priya P. Prabhakaran	Ramaiah Institute of Business Studies						
20								
21	Shilpa. N	MSR College of Arts commerce & Science						
22								4/3/24
23	Shravani. B	Surana College Autonomous						
24	Ashwini. S Ayarkal	Surana College Autonomous						
25	Savithri Shambu Hegade	CPPC Basavanagudi						
26	Kalpana chittor S	Sri Krishna Degree college						
27	Harshetha	Bapu degree college						
28	Bhavya. C	St. Francis College						
29	Kalyani. S. A	NMKRV College for women						
30	Prabha suvy Names	SE. Francis college						
31	Shwetha H	Baldwin Klemen's Methodist						
32	Ranjini. N	Jnanajyothi college						
33	BharatH. y	Vijaya college R V Road						
34	Syed Azhar	Alaasch Institute of Info Sci						
35	Shifa Anjum	Bishob cotton women Christian college						
36	Christina Letha. R	"						

CHRISTINA REKHA. R, SHIFA ANJUM

				1	2	2		
37.	Suma B.N.	GFGC Basavanagudi.						
38.	Dr. Priya.M.S.	St. Anne's FGC						
39.	Kalpana chittor S	Sri Krishna Degree college	Kalpana					
40	H K Haripriya	K FGC, Mallasandra						
41.	VANADHI. J	DSBR College,						
42.	Shanthry. M	Al-Ameen College						
43.	SAHANA. B.R	ASC Degree College						
44.	Ranjini	JJDC						
45.								
41.								

Event Photographs

Bengaluru, KA, India
23rd Main Road, Jayanagar, Bengaluru, 560041, KA, India
Lat 12.922249, Long 77.592984
04/03/2024 11:31 AM GMT+05:30
Note : Captured by GPS Map Camera

Bengaluru,KA,India

23rd Main Road, Jayanagar, Bengaluru,
560041, KA, India
Lat 12.922666, Long 77.592977
04/03/2024 11:49 AM GMT+05:30
Note : Captured by GPS Map Camera