Report of Five Days Hands-on Training Program on Machine Learning using Python

Date – 18/01/2023

BBA(C.A) Department.

To,

The Principal,

Tuljaram Chaturchand College,

Baramati.

Subject: –Reporting of five days hands-on training program on "Machine Learning using Python" for SY, TYBBA (C.A) students under RUSA.

Respected Sir,

BBA(C.A.) Department has organized five days hands-on training program under RUSA on **"Machine Learning using Python"** for SY, TYBBA (C.A) students dated from 9/01/2023 to 13/01/2023 from 10.00 am to 5.00 pm.

The motto of this training program was to give practical insights about Machine Learning Modules to the students and to discuss how they can start their high-flying careers in Machine Learning Development.

Mr. Prajyot Patil, Founder of AIS Solutions Pvt. Ltd. Pune, was invited for conducting the training program for 45 students of SY, TYBBA (C.A). The main emphasis of this training program is to provide practical hands-on training of various Machine Learning Modules Development & to give valuable knowledge & skills by doing instead of watching. The training was conducted in two sessions every day.

On the first day of training, he explained Concepts in Python programming like Variables, Data Types, Operators, Looping & Conditional Statements, Functions.

On the second day of training, he explained the Libraries in Python like Numpy, Pandas & Matplotlib & also conducted practical based on these libraries.
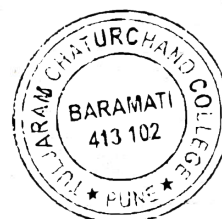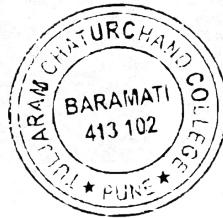
On the third & fourth day of training, he provided hands-on training on various types of Machine Learning Models using different datasets.
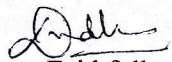
On the fifth day, concepts of Neural Networks was taken.

The students enjoyed the training and learned Machine Learning practical rather than learning it theoretically. The students were enthusiastically asked questions & their doubts which were answered & cleared by Mr. Prajyot Patil. The beneficiaries of this training have learned about tools to train machines based on real-world situations using Machine Learning algorithms and prepare them to create applications efficiently.

The training was coordinated with the support of the Principal & Faculties. The workshop ended with a pleasant note with both students & faculty.
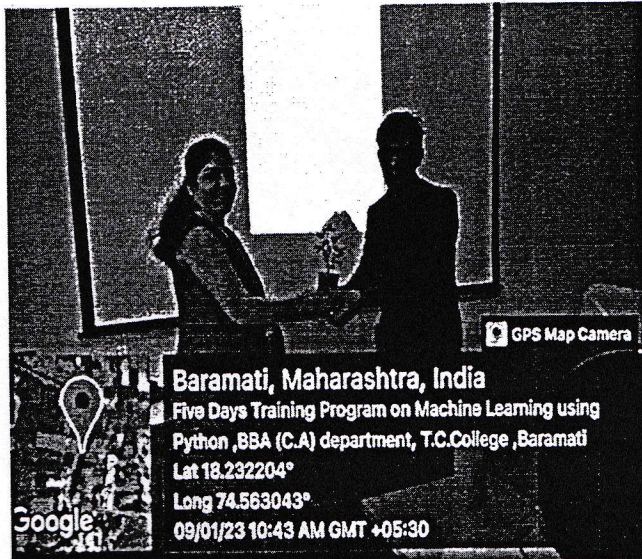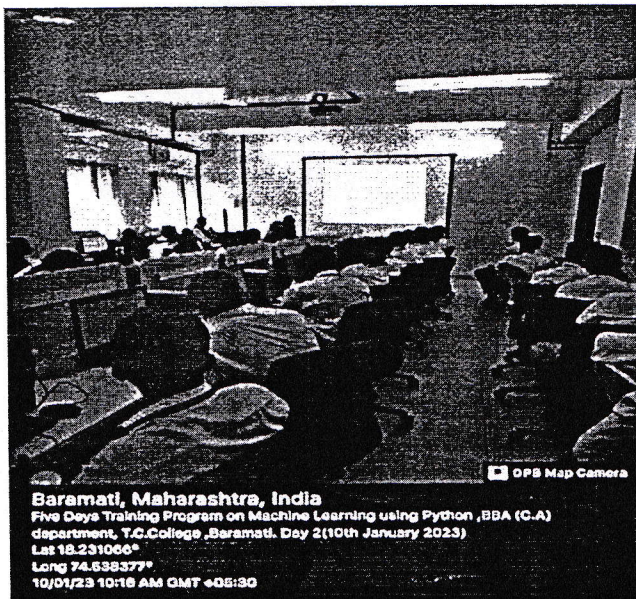
Thanking you,
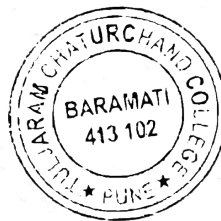
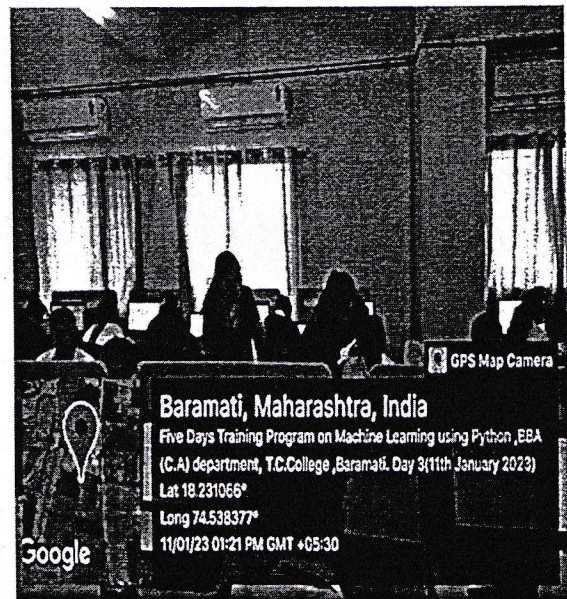Yours Faithfully,

H.O.D. BBA(C.A)

First Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using
Python ,BBA (C.A) department, T.C.College ,Baramati
Lat 18.232204°
Long 74.563043°
09/01/23 10:43 AM GMT +05:30

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using
Python ,BBA (C.A) department, T.C.College ,Baramati. Day
1 (9th January 2023)
Lat 18.232204°
Long 74.563043°
09/01/23 01:26 PM GMT +05:30

Second Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA (C.A)
department, T.C.College ,Baramati. Day 2(10th January 2023)
Lat 18.231066°
Long 74.538377°
10/01/23 10:16 AM GMT +05:30

Third Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA
(C.A) department, T.C.College ,Baramati. Day 3(11th January 2023)
Lat 18.231066°
Long 74.538377°
11/01/23 01:21 PM GMT +05:30

Fourth Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA (C.A) department,
T.C.College ,Baramati. Day 4(12th January 2023)
Lat 18.231066°
Long 74.538377°
12/01/23 02:26 PM GMT +05:30

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA
(C.A) department, T.C.College ,Baramati. Day 4(12th January 2023)
Lat 18.231066°
Long 74.538377°
12/01/23 12:49 PM GMT +05:30

Fifth Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA (C.A) department,
T.C.College ,Baramati. Day 5(13th January 2023)
Lat 18.232218°
Long 74.538659°
13/01/23 03:56 PM GMT +05:30

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA (C.A) department,
T.C.College ,Baramati. Day 5(13th January 2023)
Lat 18.232218°
Long 74.538659°
13/01/23 03:27 PM GMT +05:30

Resource Person Details:

Sr.No	Name of the Resource Person	Designation	Bank Account Details	Renumeration
01	Mr.Prajyot Sagar Patil	CEO,AISolutions PVT LTD	Bank of India AccNo:091810110009503 IFSC: BKID0000918	67500

Invoices for expenditure:

Sr.No	Name of Person	Renumeration Amount
01	Mr.Prajyot Patil	67500/-
02	Mrs.S.P.Patil	1000/-
03	Mrs.M.R.Saste	1500/-
	Total	70000/-
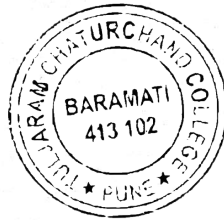
AIS SOLUTIONS PVT LTD

Office 2, Kudale Patil Palace, Manikbaug, Pune-411051

College Name:	T.C College, Baramati.	**Invoice No :**	012023
Department	BBA (C.A.)	**Course Name:**	Machine Learning
Pan No:	CVQPP5837B	**Date :**	9th-13th jan 23

Payment Date	Description	Payment	Total
16-01-2023	Machine Learning Workkshop	45 * 1500	67500

TOTAL PAID	0.00
DUE	67,500.00
TOTAL	67,500.00

Name: Prajyot Sagar Patil
Acc No.: 091810110009503
IFSC BKID0000918

Authority Sign.

THANK YOU FOR YOUR BUSINESS!

Note: Kindly check Invoice before accepting .

AIS SOLUTIONS PVT LTD

Office 2, Kudale Patil Palace, Manikbaug, Pune–411051

College Name:	T.C College, Baramati.	**Invoice No :**	012023
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Authority Sign.

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Note: Kindly check Invoice before accepting .

Anekant Education Society's

Tuljaram Chaturchand College
of Arts, Science and Commerce, Baramati.
(Autonomous)

Department of BBA(Computer Application)

Organizes
Five Days Hands-on Training Program
on
·"Machine Learning using Python"

·Under the Aegis of RUSA/ED Cell

Date: 9th January 2023 to 13th January 2023.

Time:10.00 am to 5.00 pm
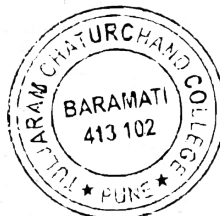
Resource Person

Mr. Prajyot Patil

Founder,
AIS Solutions, Pvt. Ltd, Pune

Ms.M.R.Saste	**Mrs.S.P.Patil**	**Dr.R.T.Sapkal**	**Dr.C.V.Murumkar**
Organizing	Convener	Coordinator	Chairman
Committee	Head, BBA(C.A)	RUSA	Principal,
			T.C.College,Baramati

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

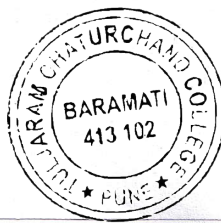**Name of Program:** Five Days Hands on Training Program on **"Machine Learning using Python"**

Date: 9/1/2023 to 13/1/2023

Schedule

Session I :10.00 am to 1.00 pm

Session I :2.00 pm to 5.00pm

Date	Session	Topic
9/1/2023	I	• Introduction to Python • Variables and Data Types • Operators
		Lunch Break
	II	• Looping Statements • Conditional Statements • Functions
10/1/2023	I	• Numpy Library • Pandas Library
		Lunch Break
	II	• Matplotlib Library
11/1/2023	I	**Introduction to Machine Learning** • Application of Machine Learning • Why Machine Learning is the Future? • Installing Python,Anaconda (Mac,Linux,Windows)
		Lunch Break
	II	**Data Understanding and Pre-processing** • Selection Dependent Variables • Select Appropriate Algorithm • Data Frame Manipulation • Missing Data Handling • Categorical Data
12/1/2023	I	• Label Encoding or One Hot Encoding Technique • Train Test Validation Technique
		Lunch Break
	II	• Simple Linear Regression • Multiple Linear Regression • K-NN regression • Decision • Random Forest
13/1/2023	I	• Image Processing using OpenCV
		Lunch Break
	II	• Image Processing using OpenCV

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

Name of Program: Five Days Hands on Training Program on "Machine Learning using Python"

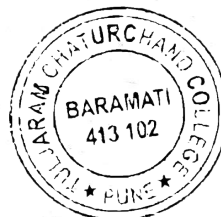**Date:** 9/1/2023 to 13/1/2023   Time 10.00 am to 5.00pm

Feedback Form

Sr.No.	Questionnaire	Excellent	Very Good	Good	Average	Poor
1	How did you rate the Expertise of the Instructor? [Level of skill/knowledge]	✓				
2	Skill and responsiveness of the instructor [Presentations were clear and organized]	✓				
3	Skill and responsiveness of the instructor [Instructor stimulated student interest]	✓				
4	How did you find the content of the Training? [Learning objectives were clear]	✓				
5	How did you find the content of the Training? [Training content was organized and well planned]	✓				
6	What aspects of this training were most useful or valuable?	This workshop changed my vision towards Machine Learning. & guided me to better carrier & improved my knowledge in Machine Learning & DA.				
7	Any Suggestions/Comments:					

Name of Student: Sambrekar Utkarsh Raju
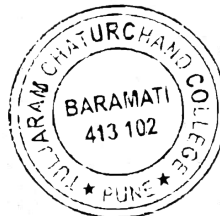
Class: T.Y BBA(CA)

Roll No: 13165

Sign: URSambreka

Date:

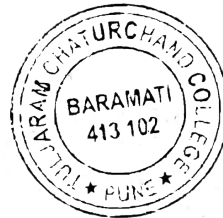# Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

Name of Program: Five Days Hands on Training Program on "Machine Learning using Python"

Date: 9/1/2023 to 13/1/2023   Time 10.00 am to 5.00pm

Feedback Form

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1	How did you rate the Expertise of the Instructor? [Level of skill/knowledge]	✓				
2	Skill and responsiveness of the instructor [Presentations were clear and organized]	✓				
3	Skill and responsiveness of the instructor [Instructor stimulated student interest]		✓			
4	How did you find the content of the Training? [Learning objectives were clear]	✓				
5	How did you find the content of the Training? [Training content was organized and well planned]	✓				
6	What aspects of this training were most useful or valuable?	It is very useful training for my carrier.				
7	Any Suggestions/Comments:	—				

Name of Student: Parkale Saurabh

Class: TYBCA

Roll No: 15111

Sign: S.Parkale

Date: 13/01/2023

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

Name of Program: Five Days Hands on Training Program on "Machine Learning using Python"

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2	Skill and responsiveness of the instructor [Presentations were clear and organized]	✓				
3	Skill and responsiveness of the instructor [Instructor stimulated student interest]	✓				
4	How did you find the content of the Training? [Learning objectives were clear]	✓				
5	How did you find the content of the Training? [Training content was organized and well planned]	✓				
6	What aspects of this training were most useful or valuable?	Neural Network				
7	Any Suggestions/Comments:	This is very precious Course for us.				

Name of Student: Dunge Suyash Prabhakar

Class: SYBBA (C.A)

Roll No: 17907

Sign: Dunge

Date:

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

Name of Program: Five Days Hands on Training Program on "Machine Learning using Python"

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1	How did you rate the Expertise of the Instructor? [Level of skill/knowledge]		✓			
2	Skill and responsiveness of the instructor [Presentations were clear and organized]	✓				
3	Skill and responsiveness of the instructor [Instructor stimulated student interest]		✓			
4	How did you find the content of the Training? [Learning objectives were clear]			✓		
5	How did you find the content of the Training? [Training content was organized and well planned]		✓			
6	What aspects of this training were most useful or valuable?	Real life, application based knowledge & advices				
7	Any Suggestions/Comments:					

Name of Student: Fatema. Baramatiwala.

Class: S.Y.BBA (CA)

Roll No: 13057

Sign: [signature]
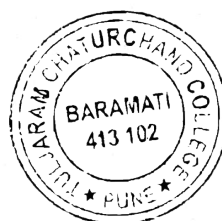
Date: 13/1/22

Certificate

Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.

This Certificate is presented to

Mr./Ms.

For completing the **Five day's Workshop on Machine Learning Using Python** held on 9th January 2023 to 13th January 2023 jointly organized by Department of BBA(C.A.) under RUSA, in collaboration with AIS Solutions Pvt Ltd, Pune.

Mrs. S.P.Patil	Dr. R.T. Sapkal	Dr. C.V.Murumkar	Mr. Prajyot Patil
HOD BBA (C.A.)	Co-ordinator, RUSA	Principal	Founder & CEO

BARAMATI
413 102

Anekant Education Society's

Tuljaram Chaturchand College of Arts Science and Commerce,Baramati(Autonomous)
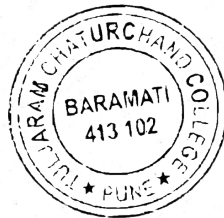
Department of BBA(Computer Application)

Sub- Machine Learning Using Python Training Attendance

Class : SY & TYBBA(C.A.)　　　　Time :- S1: 10.00 am to 1.00 pm & S2- 2.00 t0 5.00 pm

Roll No.	Student Name	09-01-23 S-1	09-01-23 S-2	10-01-23 S-1	10-01-23 S-2	11-01-23 S-1	11-01-23 S-2	12-01-23 S-1	12-01-23 S-2	13-01-23 S-1	13-01-23 S-2
13032	POKAR VAISHNAVI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13039	LONDHE ROHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13043	TAWARE TEJAS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13047	BHUKAN PRASHANT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13057	BARAMATIWALA FATEMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13063	PISAL NANA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13090	MUJAWAR AYESHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13058	ZENDGE YASH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17907	DANGE SUYASH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17906	JAGTAP OMKAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13048	SHAHANE MANSI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13051	KURUMKAR HARSHADA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13081	LAGAD SHRUTI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13049	CHOUDHARI PRATHAMESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13084	BHOSALE SANSRUTI	✓	✓	✓		✓	✓	✓	✓	✓	✓
13017	GAOSAVI PRITI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13111	PARKALE SAURABH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13112	PAWAR SHANTANU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13113	KOKARE RUSHIKESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13115	WAGHMARE ANUSHKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13116	DHAVALE DNYANESHWARI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13117	MORE RAJESHWARI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13118	RAJPURE SANIKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13119	SAPKAL SAYALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13120	RASAL ANIKET	✓	✓	✓	✓			✓	✓	✓	✓
13121	JAWALE ANUSHKA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13123	NALE RUTUJA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13124	GAIKWAD YOGITA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13126	KAPASE SWAPNALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13127	GARALE ROHINI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13128	KHARAT DIPAK	✓	✓	✓	✓	✓	✓	✓		✓	✓
13131	KALE SAKSHI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13134	DANGAT PRATIK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13138	GADADE TUSHAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13141	ZADKAR TRUPTI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13148	MANE AKSHAY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13149	BORATE YOGESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13153	LAVAND CHITRALEKHA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13154	PHADTARE ARYAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13160	TARANGE RUSHIKESH	✓	✓	✓	✓	✓	✓	✓		✓	✓
13162	MANE ARJUN ANIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13165	SAMBREKAR UTKARSH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13171	GHADAGE PRANALI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13169	DESHMUKH SURAJ			✓	✓	✓	✓	✓	✓	✓	✓
13182	GOPHANE PRANOTI	✓	✓	✓	✓	✓	✓	✓	✓		
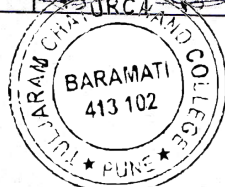
Tuljaram Chaturchand College of
of Arts Science and Commerce , Baramati
Autonomous

Payment Voucher

Date: 9/01/2023

Name :- Prajyot Sagar Patil

Address:- AIsolutions Pvt Ltd.

Head of Exps on account of:-

Particulars of Payment	Honorarium	TA	Total
5 days hands on workshop on Machine Learning using Python Date 09-1-2023 to 13-01-2023	67500	—	67500
			67500

Rupees in Words:

Name of Payee:-	Mr. Prajyot Sagar Patil
Name of Bank	Bank of India
Account No.	09181011000 9503
Branch Name	Kurundwad.
SC Code	BKID 0000918

For Account Use Only
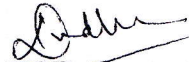
Checked & Found Correct recommended for Payment

Account Clerk   Office Superitendant   Registrar

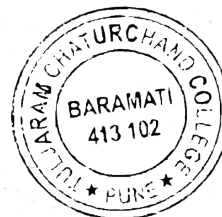Allowed & Pay/ Not Pay

HOD

Department of - BBA CC A.)

Principal

Received with thanks from The Principal. Tuljaram Chaturchand College, Baramati

Signature