



Panipat Institute of Engineering & Technology

Approved by AICTE & Affiliated to Kurukshetra University, Kurukshetra
70 K. M. MILESTONE, G. T. ROAD, SAMALKHA, PANIPAT – 132103, HARYANA
Phone No. – 0180-2569700 Fax: 0180-2569800, E mail: info@piet.co.in Website: www.piet.co.in

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Ref No: PIET/CSE(AIML)/ICT/2023/05

Dated: 06-03-23

NOTICE

Workshop on “Statistics using Python and Hands-on session”

This is to inform all the concerned that Department of CSE(AIML) is organizing a Hands-on Session on “Statistics using Python” on 13th March, 2023. The session will start at 10 am in Rise Building (Room No. G-406). Interested students can contact the coordinator.

Sr no.	Name	Department	Designation	Contact No.
1	Ms. Pooja Sharma	CSE-AIML	Coordinator	8295040102
2	Ms. Jyoti Bhardwaj	CSE-AIML	Co-coordinator	9467773507

The above-mentioned faculty members will carry out all necessary arrangements for the same.

Cc:

1. All Notice Boards


HOD CSE (AIML)
PIET, Samalkha



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Report of workshop on “Statistics using Python and Hands-on session”

Event Details	
Title of the Event	Statistics using Python and hands-on session
Date of the Event	13th March 2023
Timings	10:00 am to 4:00 pm
Venue	Room No- G406, Rise Building
No. of Participants Attended	36 (Attendance Attached in the report student wise)
Mode	Offline
Resource Persons	Mr. Deepak Singla (Expert of statistics, MATLAB), AP (CSE-AIML), 7015268436
Coordinator	Ms. Pooja Sharma (CSE-AIML)
Co-coordinator	Ms. Jyoti Bhardwaj (CSE-AIML)

The Department of Artificial Intelligence And Machine Learning organized one day workshop on **Statistics using Python and Hands-on session**. The event started at 10 o'clock sharp in the morning with the warm welcome of **Mr. Deepak Singla** by **(Prof.) Dr. Devendra Prasad (HOD AIML)** and the coordinator. Ms. Pooja Sharma introduced the esteemed speaker Mr. Deepak Singla and also explained the importance of today's hands-on session statistics using Python. **The objective of this Hands-on session was to erudition the participants to apply statistical concepts and techniques using Python for data analysis and interpretation. Then the speaker started the exciting session with brief knowledge about Statistics Using Python tools.** As we all aware with the fact that Python has become a powerful tool for statisticians and data scientists due to its versatility and the vast array of libraries available for statistical analysis, so this session promises to be both informative and practical, providing students with the skills and knowledge to leverage Python in our own statistical endeavours. Students learnt effective use of powerful libraries for statistical analysis (e.g., NumPy, Pandas, SciPy, Stats-models) and to Create visual representations of data to identify patterns, trends, and outliers using Histograms, scatter plots, and box plots. The key aspects of this workshop were to provide the Participants with clear understanding of data distribution and central tendencies using Tools like Pandas, NumPy, Matplotlib, Seaborn. The event was ended with a valedictory session by the co-coordinator, Ms. Jyoti Bhardwaj. **Students gained insights of how to find Mean, median, mode, standard deviation, variance Efficient, reproducible workflows for data analysis tasks. Students got knowledge & deeper insights on how to make informed decisions, and drive innovation.**



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Picture of Event



Mr. Deepak Singla addressing the students



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Workshop- Statistics Using Python and Hands-on Session

List of Attendees

Sr. No	Roll No	Name	Signature
1	2820169	HIMANSHU	Himanshu
2	2821301	ABHISHEK MISHRA	Abhishek
3	2821302	ACHINTYA SHARMA	Achintya
4	2820253	ISHIKA MIGLANI	Ishika
5	2821307	ARYA	Arya
6	2821308	ARYAN	Aryan
7	2820251	SABHYATA KALRA	Sabhyata
8	2820252	SOMYA GUPTA	Somya
9	2820259	ARUNAV	Arunav
10	2821319	NAVNEET KAUR	Navneet
11	2821320	PARIDHI GOEL	Paridhi
12	2821321	PARTH ARORA	Parth
13	2821322	PARVEEN KUMAR	Parveen
14	2821323	PRACHI	Prachi
15	2820268	VIPIN RUHAL	Vipin
16	2820269	SHIVAM SHARMA	Shivam
17	2820260	GULABPREET SINGH	Gulabpreet
18	2820262	UTKARSH GARG	Utkarsh
19	2821331	TANVI	Tanvi
20	2821333	TIRTH	Tirth
21	2821334	VISHAL ATHWAL	Vishal
22	2821335	AMAN ATRI	Aman
23	2820278	BHAVIKA	Bhavika
24	2820292	KARAN GOEL	Karan
25	2820280	ASHISH	Ashish
26	2820282	PANKAJ KANSAL	Pankaj

Suje 13/3/23

Jyoti 13/03/23

27	2820283	HARSHIT	Harshit
28	2820284	UDIT MEHLA	Udit
29	2821352	DINESH SHARMA	Dinesh
30	2821353	AMAN KUMAR JHA	Aman Kumar
31	2821354	MANYA JUNEJA	Manya
32	2821371	HARSHITA BHATIA	Harshita
33	2821372	HARSH KUMAR	Harsh Kumar
34	2821368	ISHIKA	Ishika
35	2821369	PRIYANSHU RANA	Priyanshu Rana
36	2820294	JOHN L SONGATE	John

Sej 2
13/3/23

John
13/03/23