



ONE DAY WORKSHOP ON

“PYTHON WITH DATA SCIENCE”

19.10.2022

REPORT



ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

KINGS COLLEGE OF ENGINEERING

PUNALKULAM - 613303

PUDUKKOTTAI DT

BACKGROUND & OBJECTIVE

Department of Computer Science & Engineering, Kings College of Engineering organized a One-day workshop on **“PYTHON WITH DATA SCIENCE”** on 19.10.2022. This workshop introduces learning of Python for Data Science, as well as programming in general to diploma, UG & PG students, it aims at taking the participants from zero programming in Python. At the end of this workshop, participants will be able to write their own Python scripts and perform basic hands-on data analysis. Participants will be trained in such a manner that will start creating their own data science projects. Er. S. Abikayil Aarthi, AP/ CSE, Er. N. Dhamayandhi, AP/ CSE , Er. S. Priyadarshini AP/ CSE were the coordinators for this workshop.

REGISTRATION

An awe-inspiring response was received from the participants, all over colleges. This region more than 130 participants registered for the workshop, which increased our responsibilities to meet the expectations of the participants.

INAUGURAL SESSION

The workshop commenced at 10.00 am with Prayer song followed by the welcome address by Dr. S. M. Uma, HOD/ CSE. She briefed about the workshop theme and the reason for choosing the topic. She also applauded the participants from various educational institutions for their positive response to the workshop. Er.S. Abikayil Aarthi, AP/CSE introduced the resource person Mr. S. Ram Prakash, Teaching Faculty / CSE, UCE, Thirukkuvalai, to the audience.

PARTICIPANT DETAILS

Around 104 participants from various educational institutions all over the state eagerly participated in the workshop. We are very much excited to note that, a few participants from other various departments have also turned in for the workshop. The participant details are listed below.

PARTICIPANT'S SUMMARY

S.NO	DESCRIPTION	NO.OF PARTICIPANTS
1.	Diploma Participants	05
2.	UG Participants	95
3.	PG Participants	04
TOTAL		104

PARTICIPANT'S FROM TAMIL NADU

S.NO	INSTITUTIONNAME	PLACE	NO.OFPARTICIPANTS
1.	M. Kumarasami College of Engineering	Karur	06
2.	Ponnaiyah Ramajeyam Engineering College	Thanjavur	08
3.	MKEC		05
4.	Periyar Maniyammai Institute of Science & Technology		24
5.	PRIST		03
6.	Vandaiyar Engineering College		03
7.	Star Lion College of Engineering Technology		12
8.	Annai College of Engineering		12
9.	Saranathan College of Engineering		07
10.	Ponnaiyah Ramajeyam Polytechnic College		04
11.	Periyar Centenary Polytechnic College		01
12.	Bharath College of Arts & Science		01
13.	Marudhupandiyar College		03
14.	Queens college of Arts & Science		15
TOTAL			104

WORKSHOP SESSION

The workshop was handled by **Mr. S. Ram Prakash**, Teaching Faculty / CSE, UCE, Thirukkuvilai. He highlighted the importance of Python and basic requirements for that language.

- Anaconda IDE
- Jupyter Notebook

In addition to this, he also explained about the concepts of using Python pandas & Data Analysis, which was very well understood by the participants. The workshop was conducted in two sessions. Morning session involved the resource person presentation. In the afternoon session practical classes took place and queries from participants were clarified. Finally one Quiz competition was also conducted by coordinators through KAHOOT app, regarding the workshop content to analyze the student understanding about the workshop.



WORKSHOP INAGURAL SESSION



HONOURING RESOURCE PERSON BY HOD OF CSE



INTRODUCING THE RESOURCE PERSON



ABOUT PANDAS THEORETICAL SESSION IN PALLAVA HALL



PRACTICAL SESSION FOR DATASCIENCE CONCEPT



PRACTICAL SESSION ON FORECASTING MODEL IN DATASCIENCE -CSE LAB -1



CERTIFICATE DISTRIBUTION IN GREAT MANNER



CODING PRACTICES



PARTICIPANTS EAGERLY ATTENDING QUIZ



DISPLAY OF QUIZ RESULTS

VALEDICTORY SESSION

At the end of the workshop, the session was concluded with the vote of thanks by **Ms.N.Dhamayandhi**, AP/CSE. She expressed her sincere thanks to the participants for their interest and active participation. She heartily expressed her sincere gratitude to the Management, Principal, Vice Principal, Staff members and the students for their extended support. Finally, she concluded by appreciating the organizers for their passionate efforts with which they carried out the difficult task of making the workshop a grand success.

OUTCOME:

Participants gained knowledge about Python with Data Science and also gave very good feedback. All the Participants showed interest to attend our future workshop.



COLLECTED FEEDBACK SAMPLES BY PARTICIPANTS



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Academic Year 2022-2023 / ODD Semester
ONE DAY WORKSHOP ON "PYTHON WITH DATA SCIENCE"

Feedback Form

	Excellent	Good	Satisfactory
1. How useful this event for you?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How well the workshop was organized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Rating - Hospitality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Which session of the workshop did you like the most?	Python Lab Exercise		
5. Give me the suggestion about python pandas in workshop?	Already taken very well		
6. Opinion on resource person:	Energetic talk		

Student Signature

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Academic Year 2022-2023 / ODD Semester
ONE DAY WORKSHOP ON "PYTHON WITH DATA SCIENCE"

Feedback Form

	Excellent	Good	Satisfactory
1. How useful this event for you?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How well the workshop was organized?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Rating - Hospitality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Which session of the workshop did you like the most?	Quiz		
5. Give me the suggestion about python pandas in workshop?	Very useful.		
6. Opinion on resource person:	Our instructor was well knowledgeable and taught very nicely.		

Student Signature

***** Thank You*****

WORKSHOP COORDINATOR

HOD/CSE

VP

PRINCIPAL