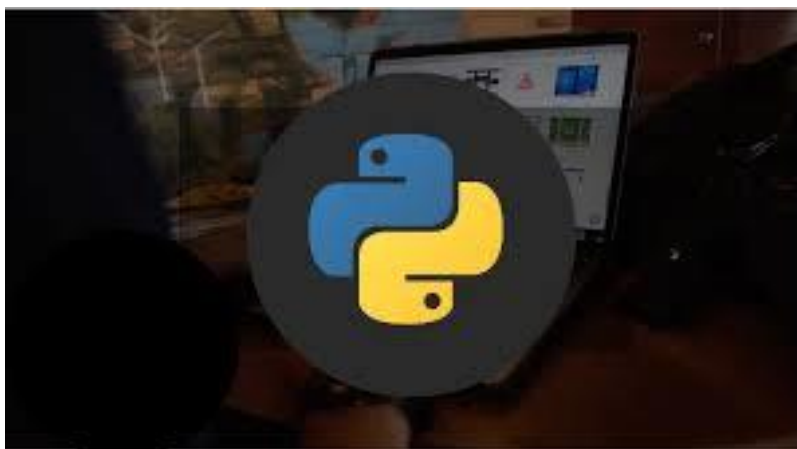


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Affiliated to Bharathiar University, Coimbatore
Pollachi – 642001**



**A REPORT ON
Workshop on “An Insight into Project building using Data
Science Libraries”
27.04.2023**



**Organized by
Department of Computer Science with
Artificial Intelligence & Machine Learning**



NGM COLLEGE, POLLACHI
DEPARTMENT OF COMPUTER SCIENCE WITH ARTIFICIAL
INTELLIGENCE & MACHINE LEARNING

Workshop on “An Insight into Project Building using Python Data Science Libraries”

IQAC Ref. No. IQAC/2022-23/APR/229

AGENDA

Venue: B116

Date: 27/04/2023

- Prayer Song:** P. Vaishnavi
I B.Sc CS with AI & ML
- Welcome Address:** Dr. S. Niraimathi
Associate Professor & Head
Dept of CS with AI & ML
NGM College
Pollachi
- Resource Person:** Ms. R. Saranya
Assistant Professor
Department of Computer Applications
CMS College
Coimbatore
- Vote of Thanks:** V. Yojna
I B.Sc CS with AI & ML

Detailed Report of the Workshop

Title

Workshop on “An Insight into Project building using Python Data Science Libraries”

Date: 27.04.2023

Preamble

Workshop on “An Insight into Project building using Python Data Science Libraries” has been organized by the Department of Computer Science with Artificial Intelligence and Machine Learning on 27.04.2023 at NGM College for the First Year Students of the course

Objective

- To Imbibe the basics concepts and capacities of building a Project
- To impart the Technical know-how of using Data Science Libraries in Python to facilitate Project building

Methodology

- The technical nuance of extracting data from the Dataset has been demonstrated by extracting Heart Disease Dataset from Kaggle. Other important Datasets too were highlighted
- Project building has been demonstrated step by step by incorporating the Data Science Libraries in Python like Pandas, numpy, and Matplotlib
- Knowledge transfer of the Workshop has been done using Power point presentation and Spyder

Event Outcome

- Students got hands on session on Project Building.
- Awareness on using Python Data Science Libraries in order to build a Capstone project
- To use the Datasets from different Data source like Kaggle and others

Profile of the Participants

A total of 18 students from Department of Computer Science with AI and ML attended the session

Resource Person: Ms. R. Saranya
Assistant Professor, Department of Computer Applications
CMS College, Coimbatore

Title: An Insight into Project Building using Python DataScience Libraries

Date: 27.04.2023

Ms. R. Saranya is an Assistant Professor doing her Ph.D in our Institution under the guidance of Dr.S.Niraimathi. Her Ph.D work is on Machine learning incorporating the Python for Machine learning and Datascience Libraries.

Python is today's most popular programming language with endless applications in various fields. It is ideally suited for deployment, analysis, and maintenance owing to its flexible and dynamic nature.

Python for Data Engineering is one of the crucial skills required in this field to create Data Pipelines, set up Statistical Models, and perform a thorough analysis on them. Taking this in to consideration and their ongoing Capstone project this Workshop was organized. The Presentation was streamlined into 3 modules

About Python DataScience Libraries

This module threw light on the essentials of Datascience libraries like Pandas, numpy, JSON etcetera and how to incorporate these Libraries for building a Project

Know the Datasets

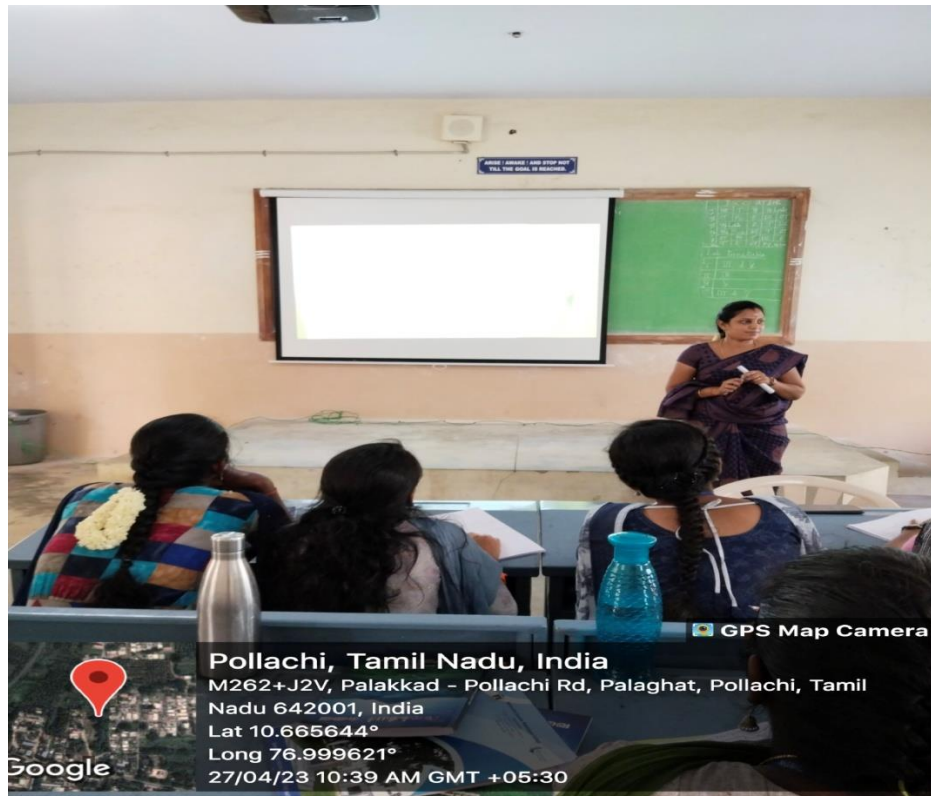
The well-known public datasets commonly found in Kaggle, OpenML and other Datasources were highlighted

Project building using Python

This Module provided valuable insight into Python Project ideas for beginners and how to do small projects in Python, which proves to be a good way to understand Python more deeply and become more competent in it.

Photos



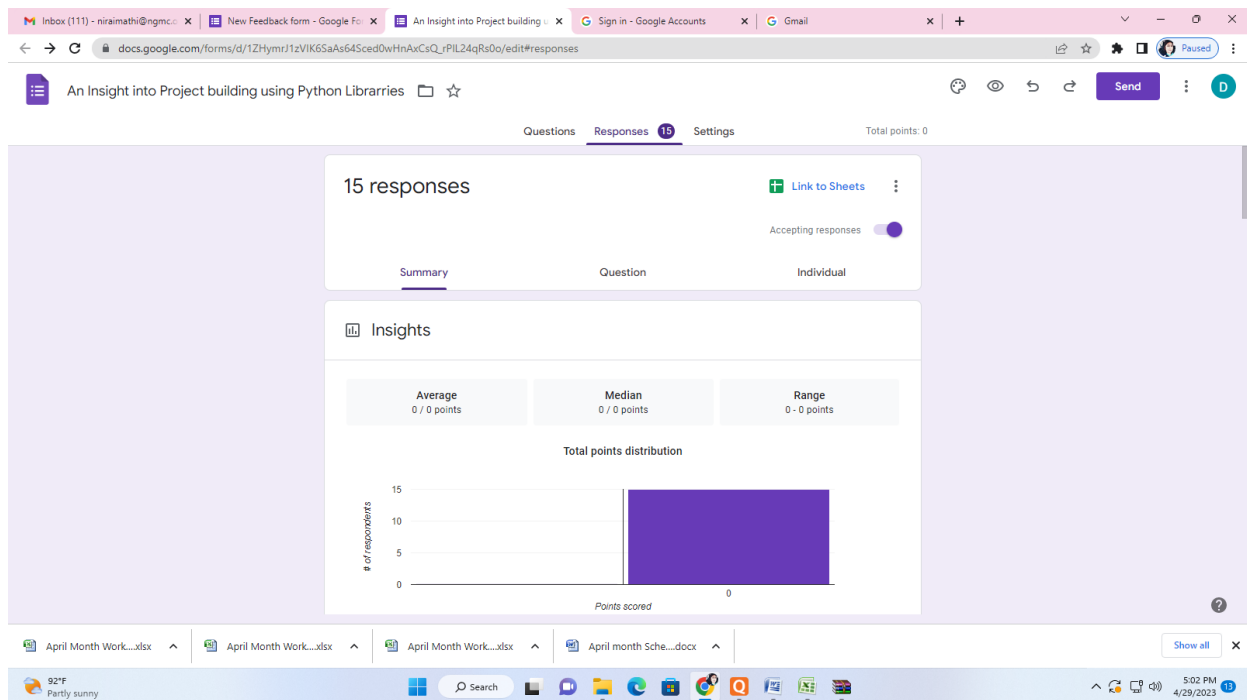


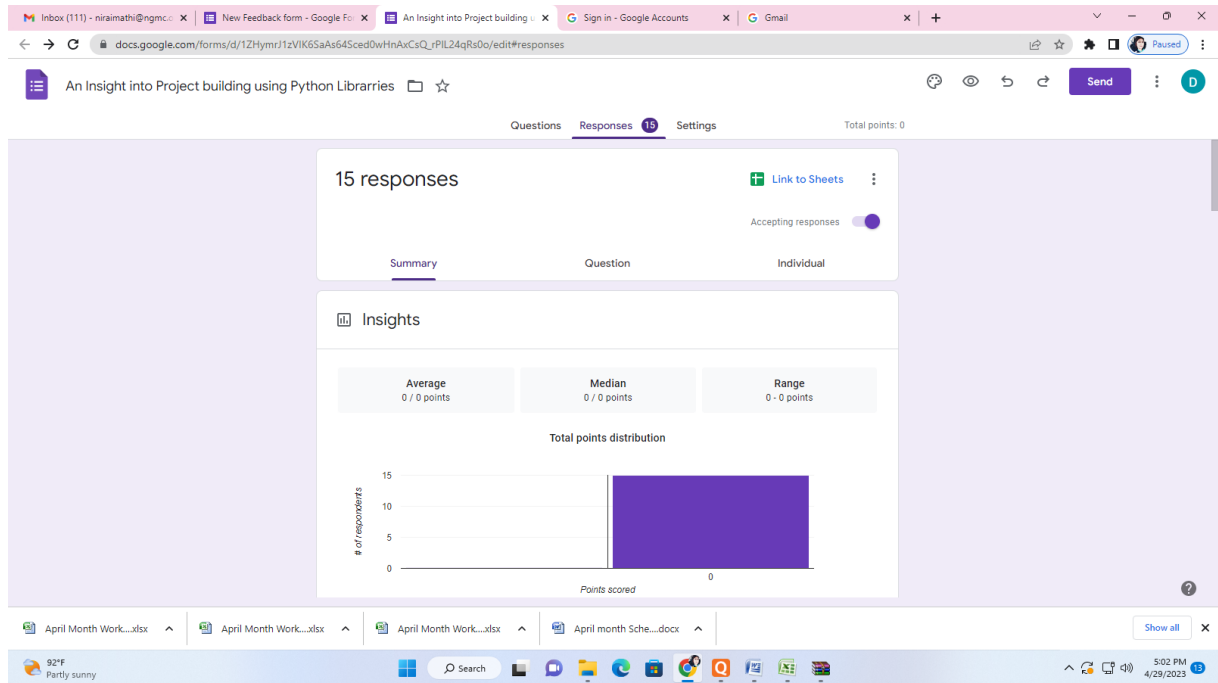


Feedback of Workshop on

An Insight into Project building using Python DataScience Libraries

27.04.2023





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An Insight into Project building using Python Libraries

Questions Responses 15 Settings Total points: 0

Email-Id

15 responses

Vaishnavipalanisami@gmail.com
gayathripriyagayathripriya85@gmail.com
rmbharathi521@gmail.com
bava131204@gmail.com
kaviyaharshinikannappan749@gmail.com
Siva ram
sandhiya4270238@gmail.com
Krishnajayanthi
mastermohan17082004@gmail.com

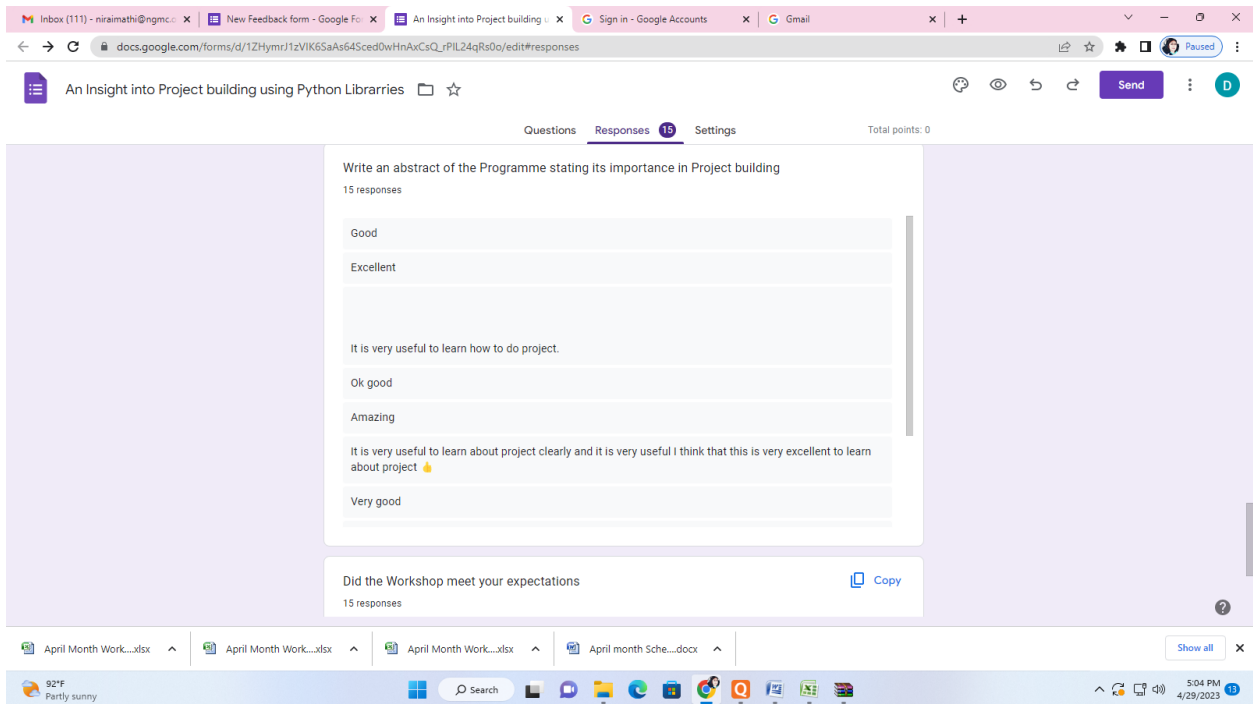
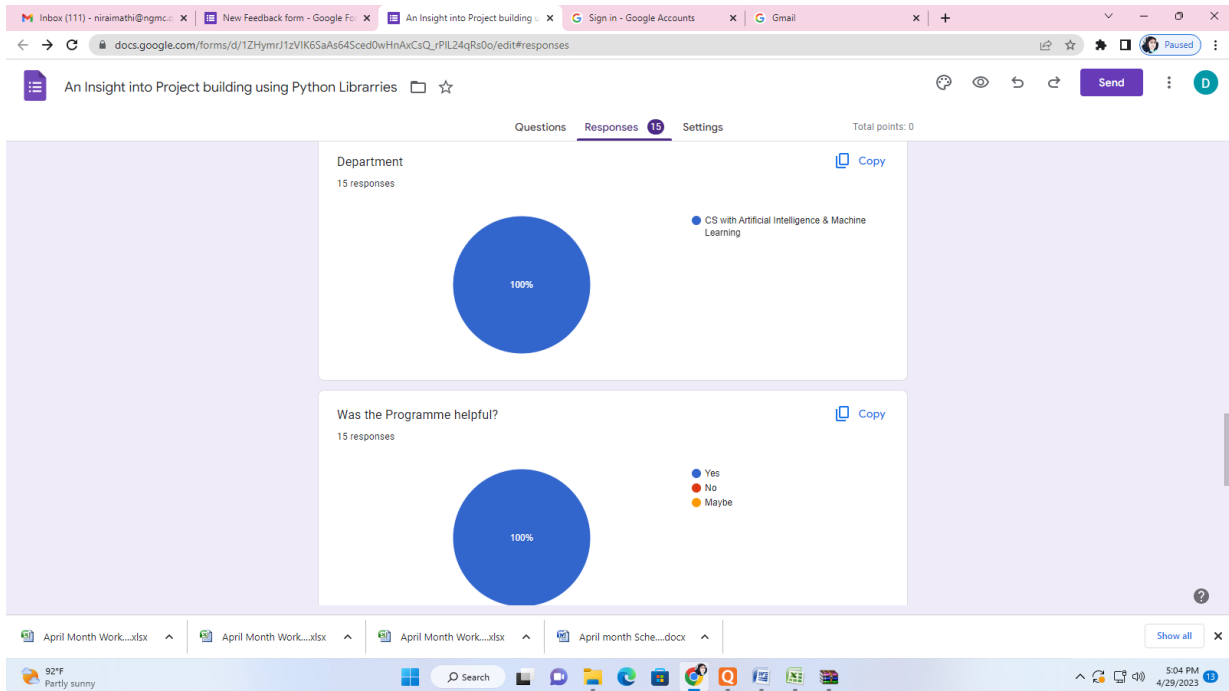
Department

15 responses

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An Insight into Project building using Python Libraries

Questions Responses 15 Settings Total points: 0

Write an abstract of the Programme stating its importance in Project building

15 responses

- It is very useful to learn how to do project.
- Ok good
- Amazing
- It is very useful to learn about project clearly and it is very useful I think that this is very excellent to learn about project 🍌
- Very good
- This is very useful to understand the topic and it is very helpful to us thanks for teaching 🍌
- To gain knowledge
- Python programming
- Yes

Did the Workshop meet your expectations

15 responses

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An Insight into Project building using Python Libraries

Questions Responses 15 Settings Total points: 0

This is very useful to understand the topic and it is very helpful to us thanks for teaching 🍌

To gain knowledge

Python programming

Yes

Did the Workshop meet your expectations

15 responses

Copy

Response	Percentage
Yes	86.7%
No	13.3%
Maybe	0%

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