



S214

Report

Academic Year 2020-2021

Name of the Event: Python for Data Analysis

Start Date: 27 October 2020 (Duration 90 hrs.)

Venue: Google Meet

Organized by: Department of Computer Science

No. of participants: 39

As part of Skill Development Programme, a workshop “Python for Data Analysis” was organized for Third Semester Computer Science students. The resource person was Mr. Gopikrishnan P G, Senior Developer, Grapesgenix Technical Solutions pvt ltd, Thrissur, Kerala from 27th October 2020. Duration 90 hrs. The workshop focused on Introduction to Data Analysis and Machine learning. The workshop covered following topics: The Basics, Processing The Datasets, Numpy Package, Familiarization Of Other Scientific Packages For Data Learning With Explanations, PolttingThe Data, Introduction To Continues Variables & Outliers etc. Also, as part of the workshop students are assigned mini projects and they have completed successfully on time.

Photos





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Mr. Gopikrishnan P G,
Senior Developer,
Grapesgenix Technical Solutions,
Thrissur

CONTENTS

THE BASICS

- What is Data Analysis
- Concept of Datasets
- Types of Datasets
- CSV Files
- Collecting & Storing Data Sets
- Text and Image Datasets
- Data Set Analysis

NUMPY & PANDAS

- 1.Processing CSV Files Using Pandas
- 2.Dataset Processing Complete Guide Using Pandas

PLOTTING OF DATA & ALGORITHMS

- Using Matplotlib
- The PyPlot API
- Linear Regression
- Logistic Regression
- Clustering
- Decision Tree Induction



VIMALA COLLEGE
(AUTONOMOUS)
Thrissur, Kerala

**Department of
Computer Science**



**Python
for
Data Analysis**

 Google Meet

 TeamViewer



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List of Participants		
Sl No	Register No	Name
1	VMATSCS001	ANEENA BABU
2	VMATSCS002	ANGEL ANDREWS
3	VMATSCS003	ANSHA BABU
4	VMATSCS004	ASHITHA SHAJI
5	VMATSCS005	GATHA E J
6	VMATSCS006	HAIRINE JOSEPH
7	VMATSCS007	LENA ROSE T J
8	VMATSCS008	PENEENNA LIYA V S
9	VMATSCS009	RESHMA JAMES
10	VMATSCS010	S SAMYUKTHA
11	VMATSCS011	SANITHA K K
12	VMATSCS012	SHIFANA S
13	VMATSCS013	SHIHANA K S
14	VMATSCS014	SNEHA K S
15	VMATSCS015	SNEHA N
16	VMATSCS016	VISHNUPRIYA M S
17	VMATSCS017	YEDHULA DEVI A J
18	VMATSCS018	AISWARYA SREENIVAS P
19	VMATSCS019	ALEENA SHAJI
20	VMATSCS020	ALNA JOB C
21	VMATSCS021	ANAGHA REGY
22	VMATSCS022	ANAINA T L
23	VMATSCS023	ANUSHKA K G
24	VMATSCS024	ARCHANA K X
25	VMATSCS025	ASWATHY R B
26	VMATSCS026	ATHIRA AJITHKUMAR
27	VMATSCS027	JENCY V J
28	VMATSCS028	LINET THOMAS
29	VMATSCS029	LISSEAU THERESA
30	VMATSCS030	NEENA SUNNY



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31	VMATSCS031	NISHA C P
32	VMATSCS033	SANDRA A S
33	VMATSCS034	SHIFA K B
34	VMATSCS035	SIVYA JOSE
35	VMATSCS036	SNEHA LOY
36	VMATSCS037	SONIYA MICKLE
37	VMATSCS038	DURGA M H
38	VMATSCS039	GAYATHRI K S
39	VMATSCS040	INDULEKHA HARIDAS

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