

Report on Expert Talk

Topic: Data Analytics on Python and Usage of Modern tools

Date:18/01/2024

Time:11:15 to 2 Pm

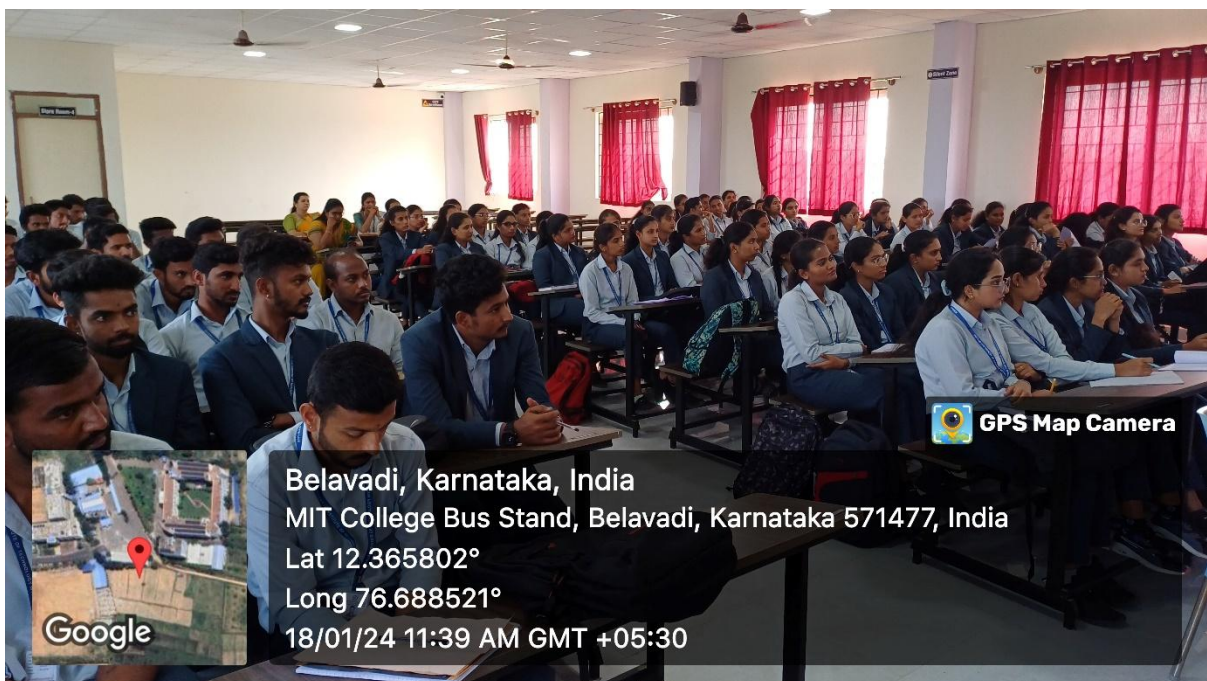
The expert talk was organized for 3rd Semester MCA students. The resource person was A S Kavyashri, Senior associate, learning Infosys Limited Mysore. In this session the expert started with fundamentals of Python she briefed, gave demonstration of installing python and using python IDLE, also showed how to use google collab used to perform data analytics. Later she briefed about data structures supported by python with examples. Also, she briefed fundamentals of Data analytics and covered definition of Data analytics and its types. She explained the analytics tools like pandas, matplotlib and seaborn tools with demonstration and showed the usage of these library functions, its in-built functions for analysing and visualising data.

The expert spoke about data sets with example, and suggested students few URL's where data sets are available for students to download datasets like Kaggle one of the websites where students can get the required datasets. She demonstrated how to download data sets, merging datasets, renaming dataset columns, applying statistical functions, and describing the datasets.

Finally she explained about the usage of matplotlib and seaborn by demonstrating different graphs on the datasets and told few domains for choosing DAP projects.

In this program Miss. Kanchan Kaveri, Assistant professor MCA Department introduced the resource person. On this occasion Prof. Manjunath B, HOD and other staffs were present. Totally 110 students took part and program ended with Vote of thanks proposed by Manjunath K S, Assistant professor MCA Department.

Photos



Quiz and Students Responses

Expert Talk - Feedback form - 18-01-2024

Questions Responses **60** Settings Total points: 10

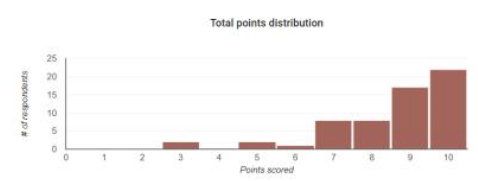
60 responses [View in Sheets](#) Accepting responses

Summary Question Individual

Insights

Average: 8.58 / 10 points Median: 9 / 10 points Range: 3 - 10 points

Total points distribution



Points scored	# of responses
3	2
5	2
7	8
8	7
9	16
10	22

Scores

[Release scores](#)

Email	Score / 10	Score released
ramyakulkarni76@gmail.com	3	Jan 18 1:28 PM
12rashmipatl@gmail.com	5	Jan 18 1:29 PM
prasannagowdam24@gmail.com	9	Jan 18 1:29 PM
srisup2001@gmail.com	6	Jan 18 1:29 PM
sahasahana6187@gmail.com	7	Jan 18 1:30 PM
snehanagaraju937@gmail.com	9	Jan 18 1:31 PM
alokeshbhoomika@gmail.com	8	Jan 18 1:32 PM
punyashree0102@gmail.com	9	Jan 18 1:32 PM

Enter your USN

60 responses

- 4MH22MC075
- 4MH22MC078
- 4MH22MC066
- 4MH22MC095
- 4MH22MC080
- 4MH22MC092
- Bhoomika A L
- 4MH22MC069
- 4MH22MC042

Enter your full name

60 responses

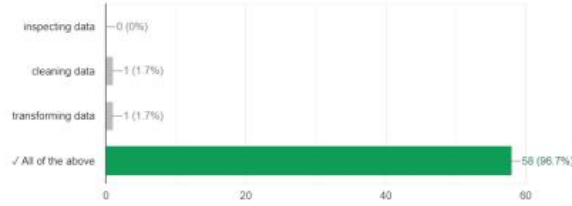
- Ramyashree
- Rashmi

- Prasanna M
- Sreeprada V
- Sahana S
- Sneha N
- Bhoomika A L
- PunyaShree HS
- Kruthika V Halavagal

Data Analysis is a process of?

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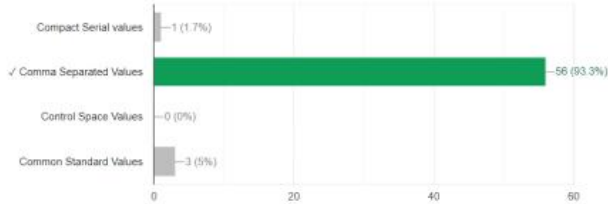
58 / 60 correct responses



CSV stands for

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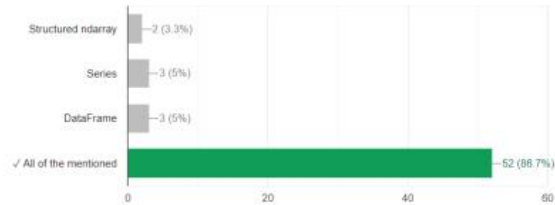
56 / 60 correct responses



Which of the following input can be accepted by DataFrame?

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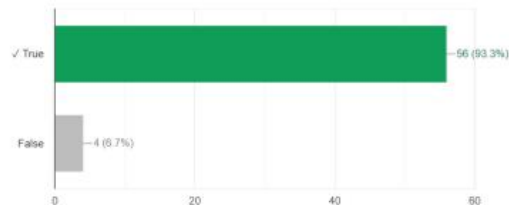
52 / 60 correct responses



Series is a one-dimensional labeled array capable of holding any data type.

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56 / 60 correct responses

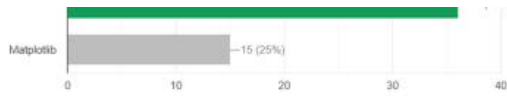


Which library is used to create statistical graphics in Python?

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36 / 60 correct responses

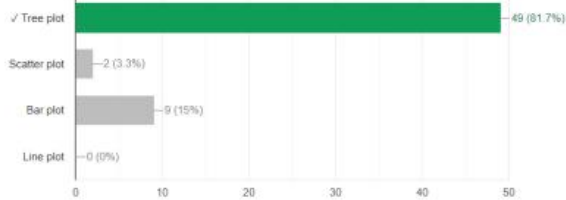




Which of the following is NOT a type of plot available in Seaborn?

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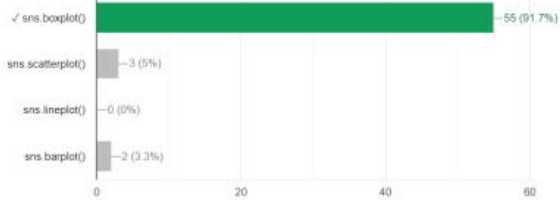
49 / 60 correct responses



Which function is used to create a box plot in Seaborn?

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55 / 60 correct responses

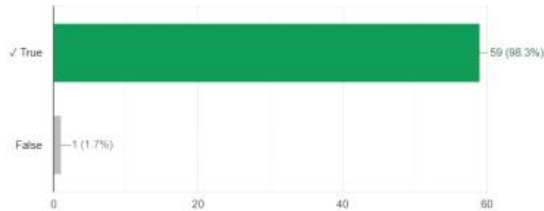


Is below code converts list to an array?

[Copy](#)

```
import numpy as np
my_list = [1, 2, 3, 4, 5]
my_array = np.array(my_list)
```

59 / 60 correct responses



Say you're observing several employees at a company, and you want to understand how their salaries depend on their experience, education level, role, and city of employment.

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In this case, what are the **inputs**?

39 / 60 correct responses



Which library is to be imported for creating DataFrame?

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55 / 60 correct responses

Python 0 (0%)

