

DATE: 4th February, 2022

Event Coordinator(s)

Mrs. Chhaya Dhavale

Student Coordinator(s):

Prathamesh Jawale

Time & Place:

28st January, 2022

on Google Meet, 1PM – 3PM

04th February, 2022. 1PM – 3PM

Department:

IT

Participants: TEIT-Class

Two lab sessions are organized to be conducted by Industrial Expert , to break the monotony in online teaching and learning as well to get exposure to the kind of work industry does and to know about current trends and expected skill. Session based on “**Experiment list prepared for course Data science with Python- ITL605** ” was arranged for the students of TE-IT, the speaker were Mr. Kedar Rane, Data scientist at NSEIT, Mumbai and Ms. Shrishti Karkera , Machine Learning Engineer at Quantify, Mumbai.

Both speakers demonstrated the experiment with appropriate Dataset, and illustrated concept of exploratory data analysis by Kadar Rane and Importance of Hypothesis testing and various methods are demonstrated by Ms. Shrishti Karkera ,hence the students were exposed to an industry to get their doubts cleared on the various applications and data science trends in the industry.

The speakers interacted with the students on how they should always focus on the basics of all subject and mathematical foundation before they jump to a specific framework.

The event was interactive and the discussion lasted over an hour. The seminar concluded with a vote of thanks for the speaker.

The students made notes of the important points given by the speaker which would surely help them in future .

Screenshots

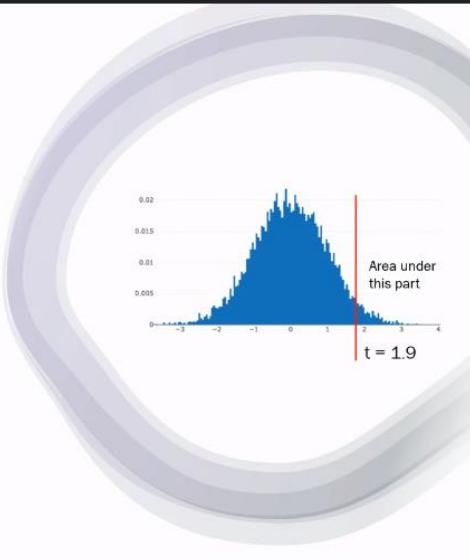
Shrishti Karkera is presenting

p- values

Null hypothesis is True

H_0 : mean = 5g
p-value: how likely is 5g given evidence

Small p-value: not 5g
Large p-value: 5g



Area under this part
 $t = 1.9$

Kaushtub Desale can now join this meeting

1:18 PM | pqs-cqdw-xym

Shrishti Karke...
Anurag Yadav
Shubham Palav
Shubham Bhatt...
Vishal Singh
Swaraj Jinagou...
Rupesh Vannel...
18 others
You

Kaushtub Desale joined

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Code Test

data.head(5)

	symboling	normalized-losses	make	fuel-type	aspiration	num-of-doors	body-style	drive-wheels	engine-location	wheel-base	length	width	height	curb-weight	engine-type	num-of-cylinders	engine-size	fuel-system
0	3	>	alfa-romeo	gas	std	two	convertible	rear	front	88.6	168.8	54.1	48.5	2345	other	four	130	right
1	3	1	alfa-romeo	gas	std	two	convertible	rear	front	88.6	168.8	54.1	48.5	2345	other	four	130	right
2	1	>	alfa-romeo	gas	std	two	convertible	rear	front	88.6	168.8	54.1	48.5	2345	other	four	130	right
3	2	154	audi	gas	std	four	sedan	front	front	99.8	176.6	66.2	54.3	2357	other	four	109	right
4	2	154	audi	gas	std	four	sedan	front	front	99.8	176.6	66.2	54.3	2357	other	four	109	right

meet.google.com is sharing your screen.



Shrishti Karkera is presenting

T-test

Q. In a population, the average IQ is 100. A team of scientists want to test a new medication to see if it has either a positive effect or a negative effect or no effect at all. A sample of 30 participants who have taken the medication has a mean of 140 with a standard deviation of 20. Did the medication affect intelligence?

Define null and alternate hypothesis

$$H_0: \mu = 100$$

$$H_1: \mu \neq 100$$

State alpha

$$\text{Alpha} = 0.05$$

1:28 PM | pqs-cqdw-xym

