



**NARAYANA ENGINEERING COLLEGE :: GUDUR**

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**Department of COMPUTER SCIENCE & ENGINEERING**



## **Workshop on Data Science Product Demo Using Regression Analysis**

**Date: 09-06-2021**

The Department of Computer Science and Engineering of Narayana College of Engineering, Gudur Organized online workshop on **Data Science Product Demo Using Regression Analysis on 08th June 2021** by **Dr.P.Karthikeyan**, Associate Professor, Dept of CSE, Jain Deemed to be University Bengaluru. The resource person was introduced by the department HOD **Dr.P. Venkateswara Rao**, followed by the principal **Dr.V.Raviprasad** addressed the students and explained the importance of Data science. This workshop is aimed to impart knowledge and training on the fundamentals of data science and its applications. Here in this workshop, disciplines such as programming, statistics, mathematics, data analysis, visualization and big data are explored. Here it is explained why data scientists are now in such demand, and the skills required to succeed in different jobs. The resource person gave innovative ideas on Data Science, discussed the benefits and opportunities of Data science. Totally 100 students have benefited by this workshop.

The image shows a Zoom meeting banner with the following content:

- Top Bar:** Recording, You are viewing Narayana Engineering College G... 's screen, View Options, View
- College Logo:** NARAYANA ENGINEERING COLLEGE :: GUDUR (AUTONOMOUS). Approved by AICTE and Autonomous Institution under JNTUA, Ananthapuramu, An ISO 9001:2015 Certified Institution, Recognized by UGC U/S 2(f) & 12(B). Dhoorjati Nagar, GUDUR, SPSR Nellore Dist, A.P.
- Department:** Department of COMPUTER SCIENCE AND ENGINEERING
- Workshop Title:** Online Workshop on Data Science Product Demo using Regression Analysis
- Resource Person:** Dr P.KARTHIKEYAN, Associate Professor, Computer science and Engineering, Jain deemed to be university, Bangalore.
- Organizing By:** DATA SCIENCE CLUB CSE
- Date and Time:** 8th June 2021, 02:00 Pm
- Bottom Bar:** Unmute, Start Video, Participants (22), Chat, Share Screen, Reactions, Leave

Zoom Meeting

Farheen Shaik    Karthi Keyan    Narayana Engin...    19F11A0530    199C1A0509    19F11A0529

Recording...

# How Facebook uses DATA SCIENCE?

Textual Analysis

Targeted Advertising

Facial Recognition

Data Flair

Zoom Meeting

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Recording...

## Model Planning

Is this A or B?

Is this weird?

How much or how many?

How is this organized?

What should I do next?

Classification Algorithm

Anomaly Detection Algorithm

Regression Algorithms

Clustering Algorithms

Reinforcement Learning

Participants (63)

Find a participant

- 19F11A0512
- 19F11A0516
- 19F11A0518
- 19F11A0523
- 19F11A0527
- 19F11A0528
- 19F11A0529
- 19F11A0533
- 19F11A0534
- 19F11A0536
- 19F11A0537
- 19F11A0539
- 19F11A0541
- 19F11A0543
- 19F11A0544
- 19F11A0547

Unmute    Start Video    Security    Participants (63)    Chat    Share Screen    Reactions    More    Leave

Invite    Mute All

Zoom Meeting

Farheen Shaik    Karthi Keyan    Narayana Engin...    Dr. V. Sucharita    19F11A0530    199C1A0509

Recording...

# Semi-structured Data

- a structured data that is unorganized
- Examples: .csv files, tab-delimited text files, XML and other markup languages

```
<rec><name>Prashant Rao</name><sex>Male</sex><age>35</age></rec>
<rec><name>Seema R.</name><sex>Female</sex><age>41</age></rec>
<rec><name>Satish Mane</name><sex>Male</sex><age>29</age></rec>
<rec><name>Subrato Roy</name><sex>Male</sex><age>26</age></rec>
<rec><name>Jeremiah J.</name><sex>Male</sex><age>35</age></rec>
```

Zoom Meeting

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Recording...

Bengaluru\_House\_Data - Excel

area_type	availability	location	size	society	total_sqft	bath	balcony	price
Super built-up Area	19-Dec	Electronic 2 BHK		Coomee	1056	2	1	39.07
Plot Area	Ready To Move	Chikka Tin-4 Bedroom		Theanmp	2600	5	3	120
Built-up Area	Ready To Move	Uttarahalli 3 BHK			1440	2	3	62
Super built-up Area	Ready To Move	Lingpedhe 3 BHK		Soiewre	1521	3	1	95
Super built-up Area	Ready To Move	Kothanur 2 BHK			1200	2	1	51
Super built-up Area	Ready To Move	Whitefield 2 BHK		DuenaTa	1170	2	1	38
Super built-up Area	18-May	Old Airport 4 BHK		Jaades	2732	4		204
Super built-up Area	Ready To Move	Rajaji Nag-4 BHK		Brway G	3300	4		600
Super built-up Area	Ready To Move	Marathah 3 BHK			1310	3	1	63.25
Plot Area	Ready To Move	Gandhi Ba 6 Bedroom			1020	6		370
Super built-up Area	18-Feb	Whitefield 3 BHK			1800	2	2	70
Plot Area	Ready To Move	Whitefield 4 Bedroom		Priry M	2785	5	3	295
Super built-up Area	Ready To Move	7th Phase 2 BHK		Shincyes	1000	2	1	38
Built-up Area	Ready To Move	Gottigere 2 BHK			1100	2	2	40
Plot Area	Ready To Move	Sarjapur 3 Bedroom		Skityer	2250	3	2	148
Super built-up Area	Ready To Move	Mysore Rc 2 BHK		PrntaEn	1175	2	2	73.5
Super built-up Area	Ready To Move	Bisuvanah 3 BHK		Prityel	1180	3	2	48
Super built-up Area	Ready To Move	Bisuvanah 3 BHK		Prityel	1140	3	2	40

Participants (63)

Find a participant

- 19F11A0533
- 19F11A0534
- 19F11A0537
- 19F11A0539
- 19F11A0541
- 19F11A0543
- 19F11A0544
- 19F11A0547
- 19F11A0552
- 19F11A0553
- 19F11A0554
- 19F11A0558
- 19F11A0567
- 19F11A0569
- 19F11A0570

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