



IEEE - MVSR STUDENT BRANCH
Student Branch Code: 12161, School Code: 41329276



INFERENCE ANALYTICS

IEEE MVSR CS Student Chapter has organized a webinar on “Inferential Analytics” on 30th April, 2020. The main aim of the lecture was to understand the overview of data science and how data can be used to get useful insights using inferential statistics.

Student Branch Mentor:

Dr. Atul Negi,
Professor,
School of CIS,
University of Hyderabad.

Student Branch Advisor:

Mr. V. Ashwini Kumar,
Head of the Department,
Information Technology,
MVSR Engineering College.

Student Branch Counsellor:

Dr. D. Hari Krishna,
Assoc. Professor, EEE Dept.,
MVSR Engineering College.

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WIE Student Branch Advisor:

Dr. G. Kanaka Durga,
Principal & Professor,
MVSR Engineering College.

PES Advisor:

Dr. D. Hari Krishna,
Assoc. Professor, EEE Dept.,
MVSR Engineering College.

CS Student Branch Advisor:

Mrs. B. Saritha,
Assoc. Professor, CSE Dept.,
MVSR Engineering College.

CASS Student Branch Advisor:

Mrs. S. Aruna,
Asst. Professor, ECE Dept.,
MVSR Engineering College.

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Mr. Hemish & Mr. Y SaiSameer - Design Committee
Mr. M. Sri Sai Teja - Program Committee

Session Details:

Date: 30th April, 2020

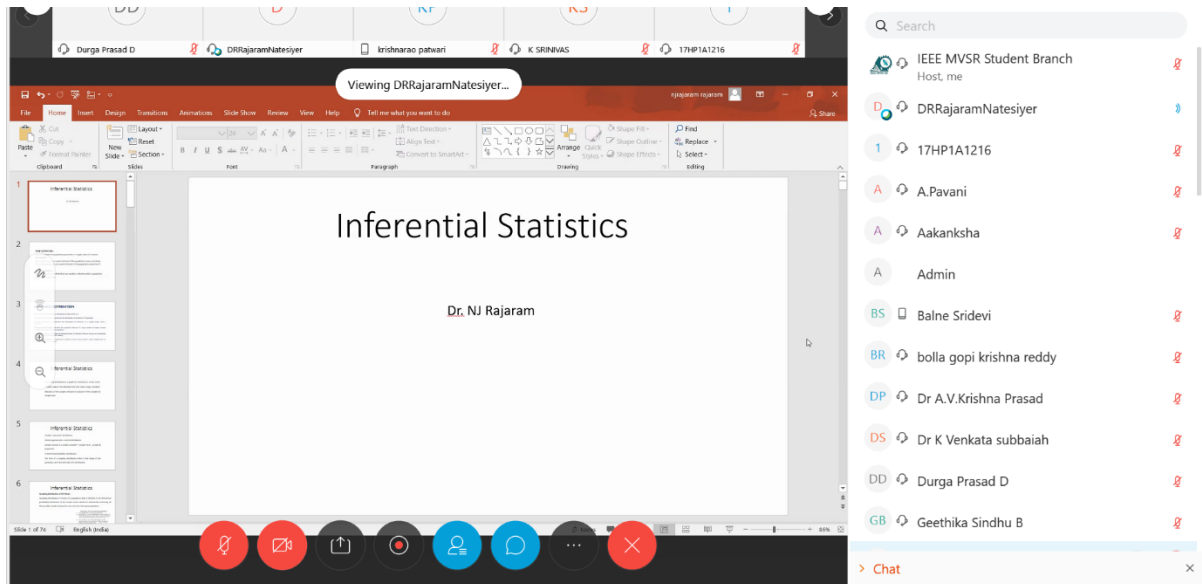
Time: 5:30 pm- 7.00 pm

Venue: Online

No. of attendees: 144

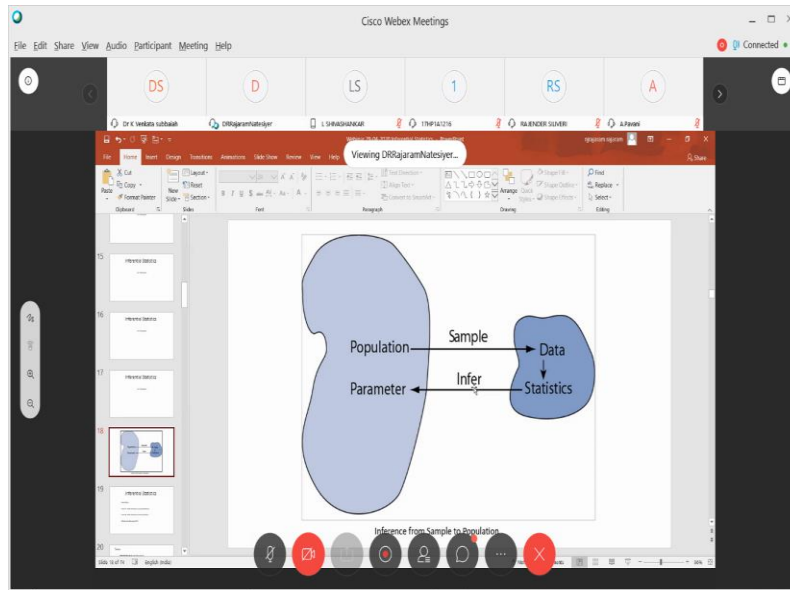
Guest Speaker: Dr. NJ Rajaram, CEO, Apparel & Textile Parks of Telangana, Government of Telangana.

Ms. R. Ramya Sri, Chairperson, IEEE MVSR SB has started the session by welcoming the attendees and introduced the speaker Dr. NJ Rajaram, CEO, Apparel & Textile Parks of Telangana, Government of Telangana

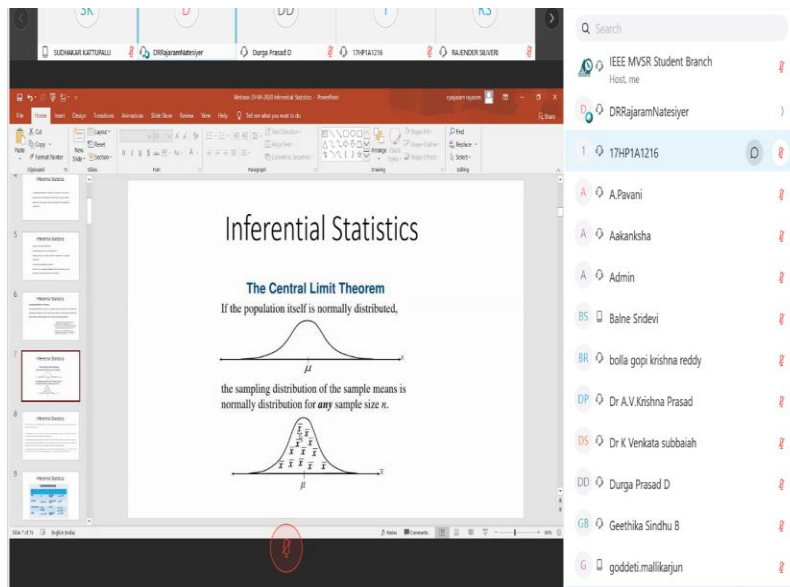


Attendees in the session

Dr. NJ Rajaram has started the session by giving a brief introduction about the analytics and the need of learning the analytics. He also explained the key differences between Differential Analytics and Inferential Analytics. and explained how the inference process of using data analysis deduces the properties of underlying distribution of probability.



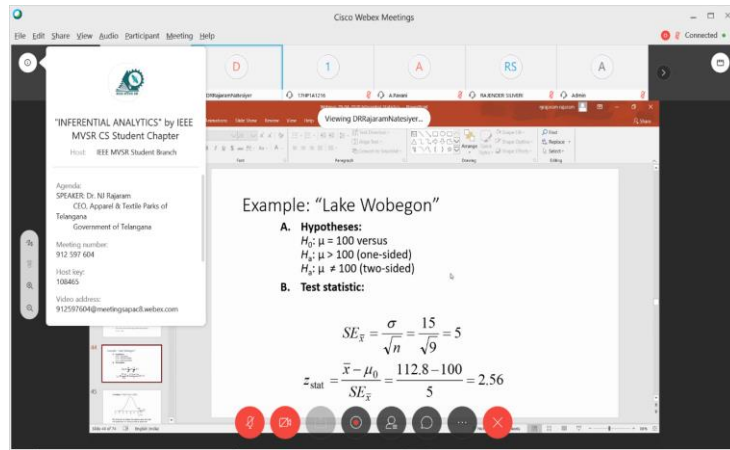
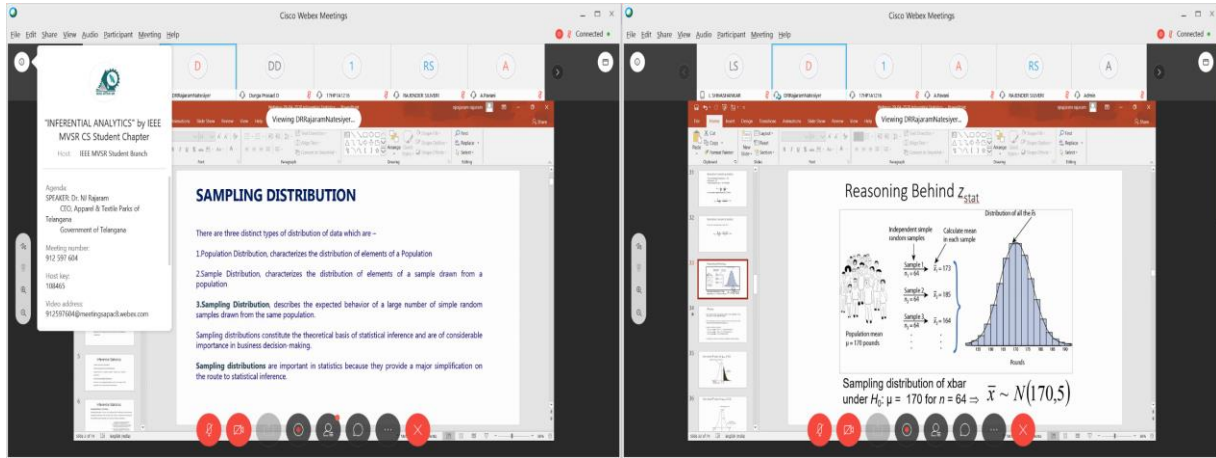
He then explained the Inferential statistics- (The Central Limit Theorem).



Speaker explaining about Central Limit Theorem

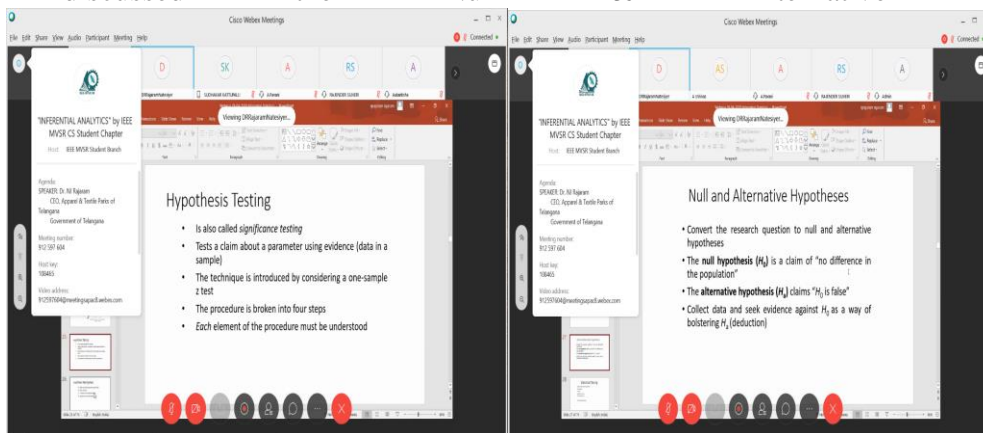
Dr. NJ Rajaram explained the differences between data science and data analytics. He also explained the role of a data scientist, things a data scientist must do and the process to be followed by a data scientist.

He gave a brief explanation about distinct types of distribution of data.



Speaker explaining about sample distribution

And one of the important topics discussed in the session was the Hypothesis Testing. Where he also discussed the Null & Alternative Hypothesis.



Speaker describing about Hypothesis Testing

He also explained the role of statistics in data science. He also explained about the Analytics Continuum and how it can be used to obtain the insights from the data.

Later in the Q & A session, Dr. NJ Rajaram answered questions of students on various opportunities for data science and gave some tips to master in that field.

Vote of Thanks is given by Ms. R. Ramya Sri, Chairperson, IEEE MVSR SB, marked the end of the session.

REPORTED BY:

IEEE MVSR SB.