

National Level FDP on “Data Science in Healthcare” on 13/7/2020

The speaker Mrs. Suma gave brief introduction about Data Science, Role of Data Science in Healthcare and what drives Data Science in Clinical Laboratory. She further explained how Data Science is used in research and clinical trials. And the results of these trials can be expanded upon using machine learning to look for additional information or insights. The Speaker concluded the session by discussing some of the live projects (Sample TAT Project, ML Classification Project and RBC Project) she is working on at Anand Diagnostic Laboratory and the challenges associated with those projects. Around 175 faculties National wide have attended the session.



**Dayananda Sagar College of Arts,
Science and Commerce**
Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560078

Department of Computer Applications – MCA (BU)
Invites Faculty Members
For
Faculty Development Programme on
“DATA SCIENCE IN HEALTHCARE”

13 JULY 2020
Time: 10.00 a.m

Resource Person

Mrs. Suma S N
Research Associate
Anand Diagnostic Laboratory
(Neuberg ASSOCIATE)

No Registration Fee
E-Certificates will be provided
to all the participants

Registration Link: <https://forms.gle/nxQNckeesBCq7tAf8>

Faculty Co-Ordinators:
Prof. Suneetha V – HOD MCA(BU)
Prof. Srivatsala V
Prof. Nivethitha K S
Prof. Amthul Hai

Photo1 Broacher

The slide, titled "Where is all the health care data coming from?", features a central graphic with the text "Big Data in Health Care Generates Analytics of Data". It lists two statistics: "2,314 Hospitals in India" and "153 States in India". Surrounding these are icons for various data sources: Genomic Research, Medical Imaging, Health Records, Medical Devices, Wearables, Pharmaceutical Research, Research Engine Data, Smartphones, and Paper Records. The slide is branded with the ANAND and Neuberger Anand logos.

The meeting interface shows Ms. Suma S N as the presenter. The participant list on the right includes: Bhavani Nelson, Bhavaniadi h.s, Bhoomika Raj, deepa bendigeri, dhanalakshmi v, divyashree puranic, Dr. Kavitha S, Dr. Salini Suresh, Gagana S, and Haresh Kumar.

Photo 2: Healthcare data

The slide, titled "Overall TAT Analysis", displays a line chart showing "Days when TAT is BEYOND Last 30 Days" with data points ranging from 2% to 18%. Below the chart is a bar graph for "Overall TAT Status- Last 30 Days" showing 90.70% for WITHIN, 8.97% for BEYOND, and 0.33% for PENDING. A summary box on the right indicates a "TOTAL COUNT" of 99079, with a breakdown: WITHIN (89064), BEYOND (8890), and PENDING (325). It also includes fields for Date (4/19/2020 to 7/16/2020) and Location (SI).

The meeting interface shows Ms. Suma S N as the presenter. The participant list on the right includes: Amthul Hai (You), achu Lalettan, Adline Sherifa, akila lakshmanan, akshitha menon, Ambika Nagaraj, Anil kumar Muniraju, Anil M, and anitha moises.

Photo 3 : TAT Analysis

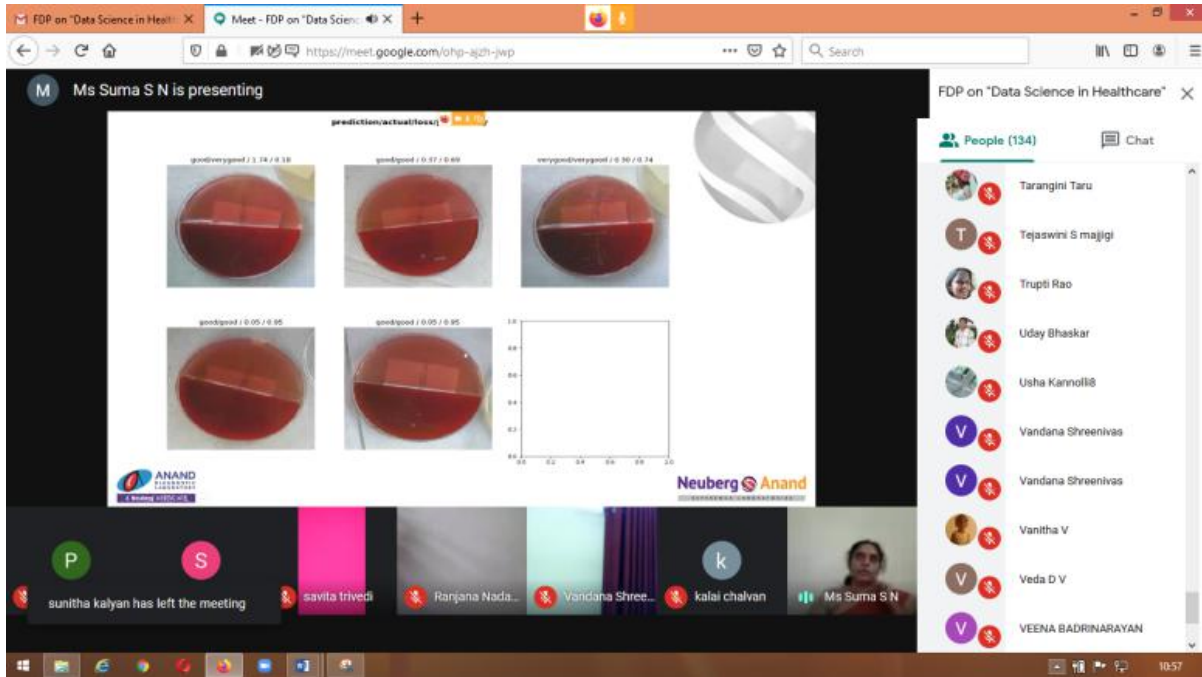


Photo 4: Sample TAT Project