Don Bosco Institute of Technology, Mumbai - 400070

Department of Computer Engineering

Report on

Guest Session on Machine Learning

ML Trends in 2021

Title : Guest Session on Machine Learning- ML Trends in 2021

Date : 22nd February 2021

Time : 12:30 pm to 1:45 pm

Venue : Online - https://meet.google.com/see-spjg-sgb

Participants : T.E. Computers 34 present

Resource Person : Dr. Amiya Kumar Tripathy

Objective :

- To introduce the new trends in Machine Learning in 2021
- To put forth the different Case studies already prevalent in the Industry
- To acquaint knowledge of available applications in the field of ML

Outcomes :

- The students will become familiar with the new trends in ML in 2021
- The students will get a cognizance of the available applications in ML for 2021

Excerpt : ML Trends in 2021

Report :

ML Trends in 2021

The session started by giving the gist of the topic of the guest session. The session was on ML trends in 2021 which will make students aware of the new technologies with respect to ML which are most trending in 2021.

Dr. Amiya sir gave a very brief ML summary and started off with case studies already in operation in some organizations which are using machine learning for their organization.

Sir also introduced automation, sensors, communication, IOT, as major application areas to look for that use ML.

Case studies focussed on Smart homes with smart phones. Different IOT technologies were also discussed.

Sir also mentioned about the work carriedout at ECU in Health Care and smart domains. Sir also explained a technology of IOT to detect abnormal behaviour of people to suspect a possible crime or illness through image analysis.

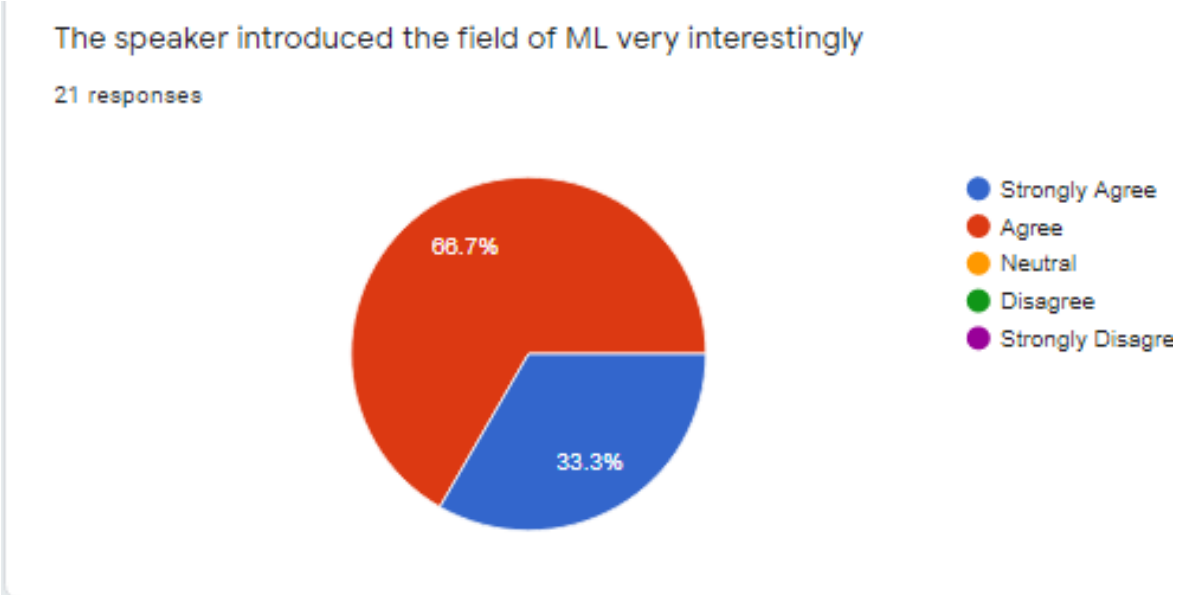
Profile of the Speaker

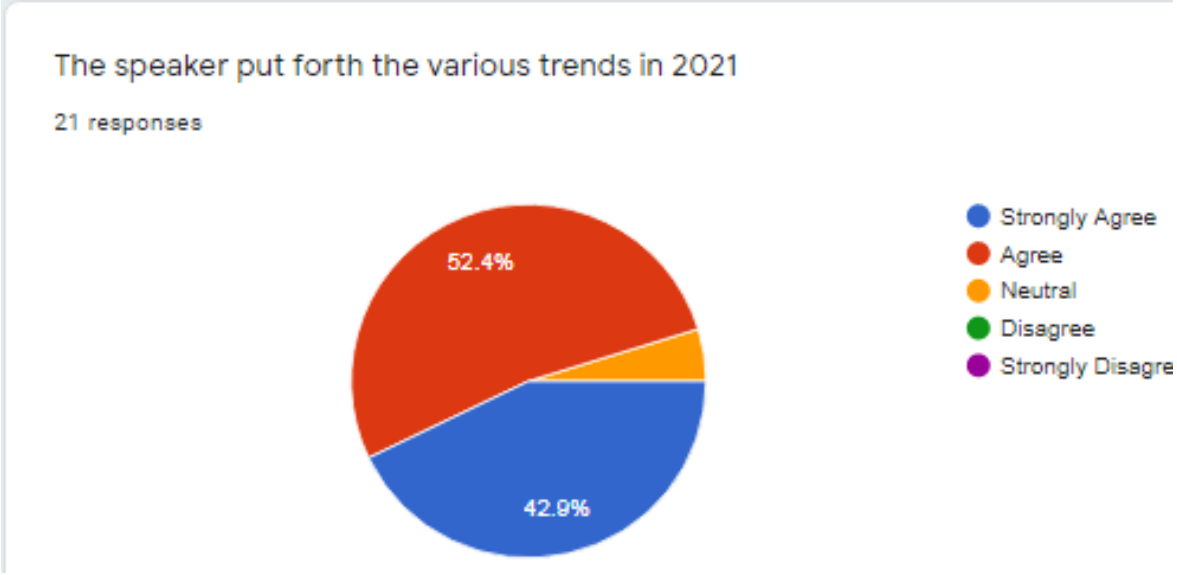
Dr. Amiya Kumar Tripathy is working as a Professor at Don Bosco Institute of Technology, Kurla-Mumbai.
Dr. Amiya is holding a Ph.D. from Indian Institute of Technology Bombay (IITB), India.

He is having over 22 years of experience in Industry, Research and academics. His areas of specialization include is Machine Learning, Data Science, ICT in Agriculture and Data Mining.

Dr.Amiya is also an adjunct faculty at Edith Cowan University, Australia.

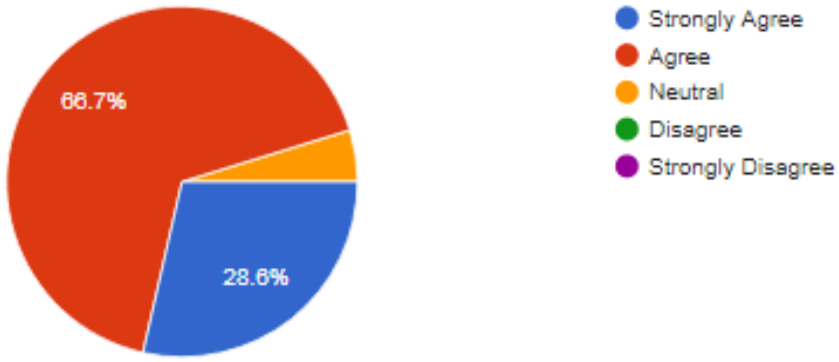
Feedback analysis of the event



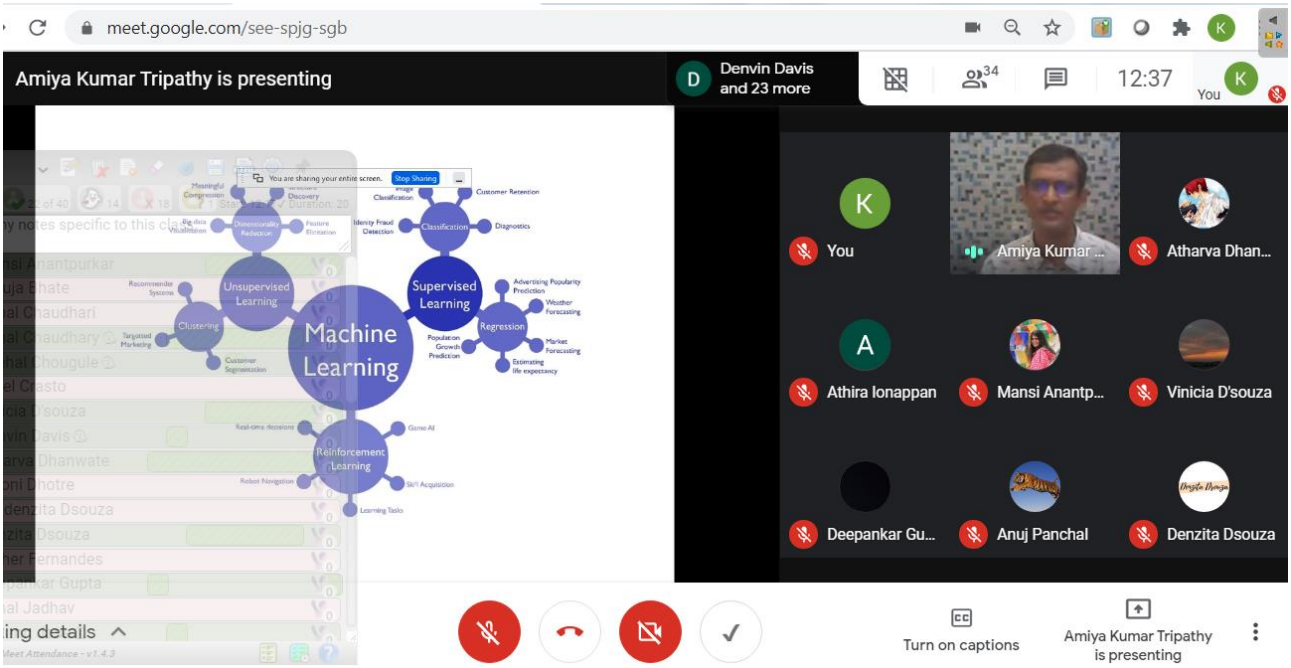


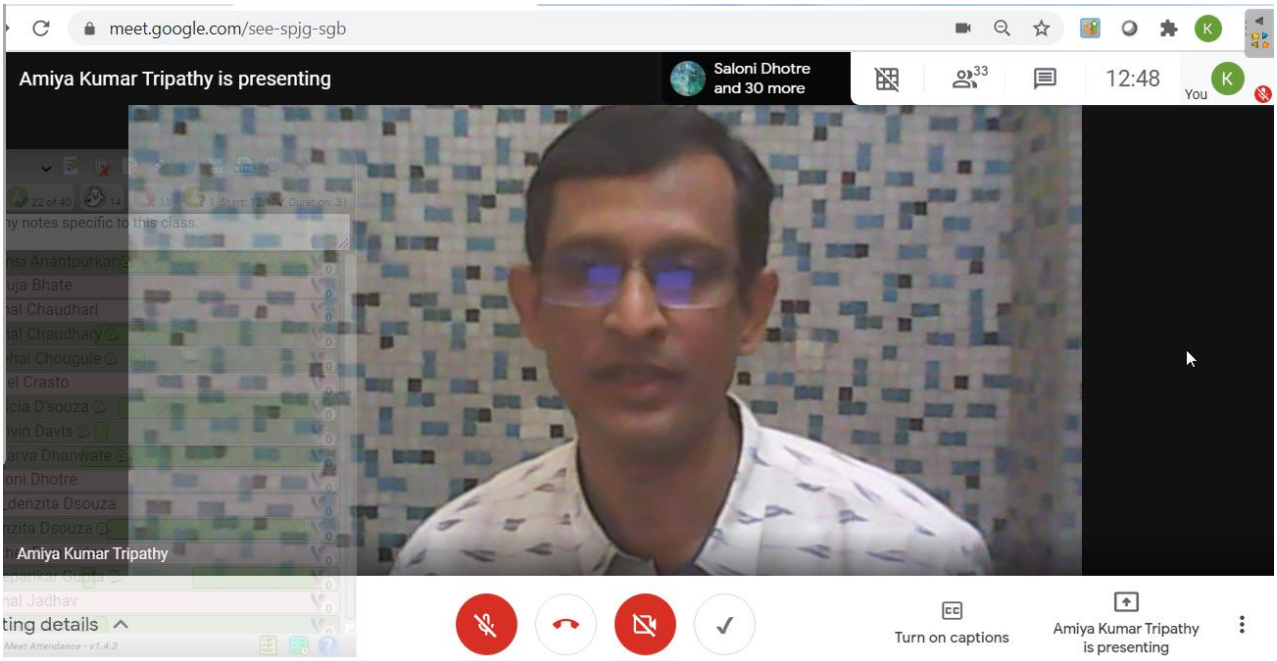
The speaker put forth very interesting case studies

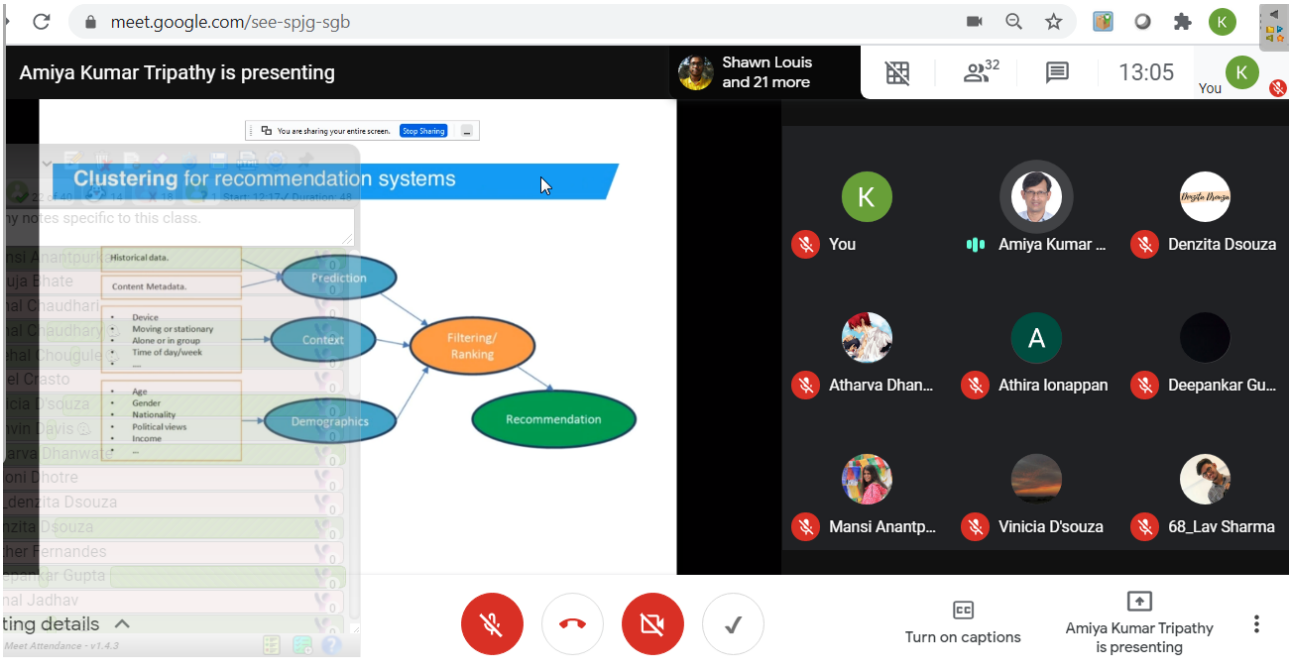
21 responses

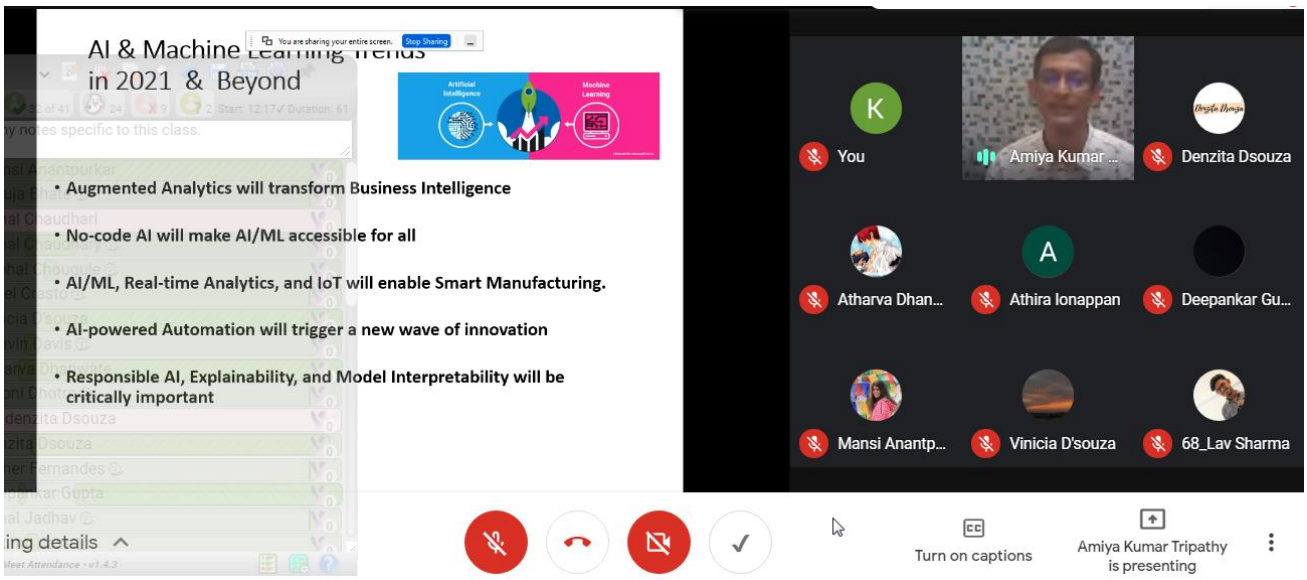


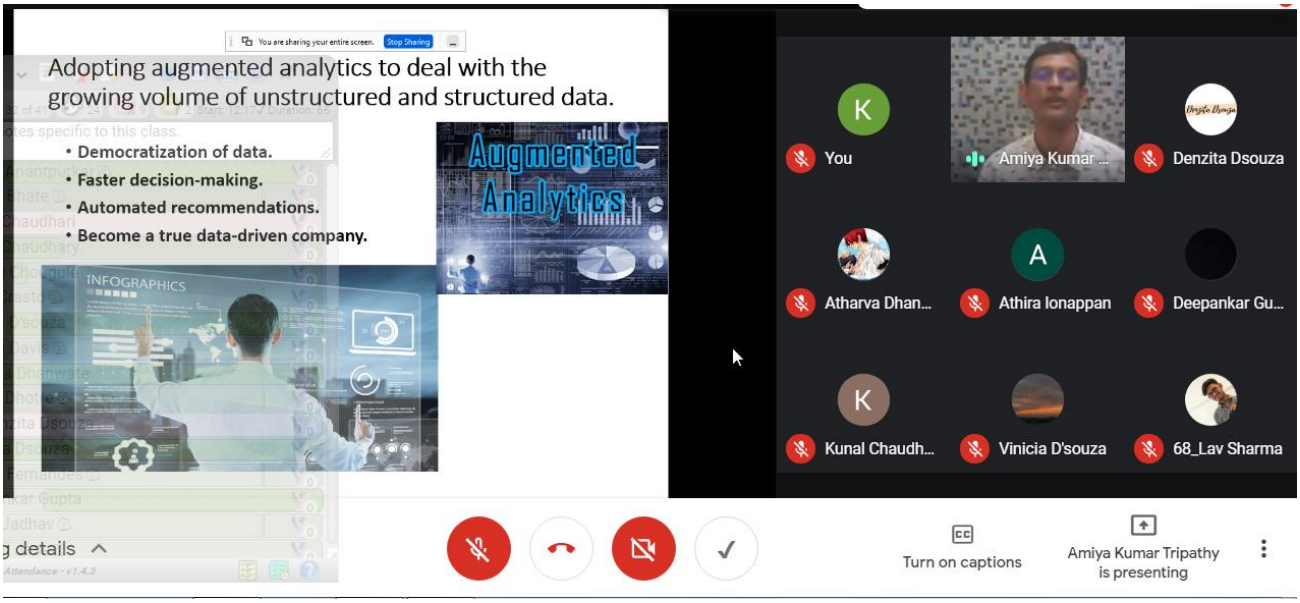
Pictures


meet.google.com/see-spjg-sgb
Amiya Kumar Tripathy is presenting
Denvin Davis and 23 more
12:37
You
Machine Learning
Supervised Learning
Unsupervised Learning
Reinforcement Learning
Classification
Regression
Clustering
You
Amiya Kumar ...
Atharva Dhan...
Athira Ionappan
Mansi Anantp...
Vinicia D'souza
Deepankar Gu...
Anuj Panchal
Denzita Dsouza
Turn on captions
Amiya Kumar Tripathy is presenting


meet.google.com/see-spjg-sgb
Amiya Kumar Tripathy is presenting
Saloni Dhotre and 30 more
12:48
You
Amiya Kumar Tripathy
Turn on captions
Amiya Kumar Tripathy is presenting


meet.google.com/see-spjg-sgb
Amiya Kumar Tripathy is presenting
Shawn Louis and 21 more
13:05
You
Clustering for recommendation systems
Historical data.
Content Metadata.
Prediction
Device
Moving or stationary
Alone or in group
Time of day/week
Context
Filtering/ Ranking
Age
Gender
Nationality
Political views
Income
Demographics
Recommendation
You
Amiya Kumar ...
Denzita Dsouza
Atharva Dhan...
Athira Ionappan
Deepankar Gu...
Mansi Anantp...
Vinicia D'souza
68_Lav Sharma
Turn on captions
Amiya Kumar Tripathy is presenting


AI & Machine Learning Trends in 2021 & Beyond
• Augmented Analytics will transform Business Intelligence
• No-code AI will make AI/ML accessible for all
• AI/ML, Real-time Analytics, and IoT will enable Smart Manufacturing.
• AI-powered Automation will trigger a new wave of innovation
• Responsible AI, Explainability, and Model Interpretability will be critically important
You
Amiya Kumar ...
Denzita Dsouza
Atharva Dhan...
Athira Ionappan
Deepankar Gu...
Mansi Anantp...
Vinicia D'souza
68_Lav Sharma
Turn on captions
Amiya Kumar Tripathy is presenting



Report Prepared By: Ms. Kalpita Wagaskar

Report Approved By: Ms. Sana Shaikh