

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Report on Virtual Webinar on “A New Era of Data Science”

 **RAJARAJESWARI**
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

In Association with Present Online Webinar On

 **A NEW ERA OF DATA SCIENCE**
Unlocking big data insights using Machine Learning and Deep Learning
Date: 26th May 2020 Time: 11:00 AM - 2:00 PM

Key Topics Covered
Scope of Data Science, Jargon Busting, Crisp DM Framework, Introduction to Machine Learning and Deep Learning, Insight into Generalized Linear Models, Tree Based Models and DS Applications

Joshi Kumar
Practice Lead, Robotics
QBE Insurance, Singapore 

Arul Bharathi
Sr. Data Scientist,
Realtor.com, Canada 

Registration Form: <https://forms.gle/rp7fkZMEvzT77Kmm7>

Dr. S. Usha Sakthivel
HOD, Dean - Research
Dept. of CSE

Dr. T. Chandrasekar
Principal

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Report on Virtual Webinar on “A New Era of Data Science”

1. Type of Event: **Virtual Webinar on “A New Era of Data Science”** on 26 May 2020 from 11:00A.M to 2:00.P.M
2. Title of the event: **Virtual Webinar on “A New Era of Data Science” in association with Think&**
3. Resource Person: 1) Mr.Joshi Kumar, Practice Lead, Robotics, QBE Insurance ,Singapore
2) Mr. Arul Bharathi, Senior Data Scientist, Realtor.com, Canada
4. Target Participants: Faculties/students of CSE, ISE, ECE, MCA, Research scholars from across colleges.
5. Topics covered:
 - Scope of Data Science
 - Jargon Busting
 - Crisp DM Framework
 - Machine Learning
 - Introduction to Deep Learning
 - Insight into Generalized Linear Models
 - Tree Based Models
 - Data Science Applications
6. Outcome :
 - Registered : 450 participants across India
 - Attended : 253 participants are benefited from the webinar

Zoom Meeting

DATA MINING
NON-TRIVIAL EXTRACTION OF PREVIOUSLY UNKNOWN & POTENTIALLY VALUABLE INFORMATION FROM DATA

BIG DATA ANALYTICS
HANDLING OF MASSIVE DATA USING MASSIVE PROCESSING POWER

DATA WAREHOUSING
BUILDING SCHEMAS WITH FACTS AND DIMENSIONS

BUSINESS ANALYTICS
USES THE PAST AND ANALYSES THE PRESENT TO PRESERVE COMPANIES FOR FUTURE

DATA ANALYTICS
DESCRIPTIVE, DIAGNOSTIC, PREDICTIVE, PRESCRIPTIVE

MACHINE LEARNING
TRAINING AN ALGORITHM TO LEARN AND PRODUCE RESULTS WITHOUT EXPLICIT PROGRAMMING

DATA ENGINEERING
INVOLVES INFRASTRUCTURE AND CLOUD

BUSINESS INTELLIGENCE
BI USES PAST AND CURRENT DATA TO OPTIMIZE THE PRESENT FOR CURRENT SUCCESS

Participants (253)

Find a participant

KK	K.S. Ksheeraja	
KM	Kalaianarasi M	
KM	Kalaianarasi M	
KK	KAMLESHWAR KUMAR YADAV	
K	Kavita Patil	
K	Kavitha	
K	Kavitha G	
	kavyashree s	
KP	kserthi priya	
	KUMAR K	
KJ	Kusuma J	
	Lakshmi Umesh	
	Lalithavani J	
L	Latha	

Invite Mute All Unmute All

Zoom Meeting

You are viewing Arul Bharathi's screen

View Options

CRISP DM Framework
Cross-Industry Standard Process For Data Mining

BUSINESS UNDERSTANDING

DATA UNDERSTANDING

DATA PREPARATION

DATA MODELLING

EVALUATION & INSIGHTS

Unmute Start Video Security Participants (252) Polls Chat Share Screen Record Reactions Leave

Zoom Meeting

Data Understanding

Dr. R. V. Biradhar

Dr. Asha S. Manek

Dr. D. SOBYA

Dr. Sandhya N.

edalaSei

Fernandes

Fiona sherlin Lewis

G. Sunitha

Gagana S

Galaxy 59

Geetha Shree M.S

Gopika.M

Hanusiva

Hari

Invite Mute All Unmute All

Speaker View

Evaluation

Arul Bharathi

PRABAHARAN J

Dr. S. Usha

Venkatesh Bhat

ADMIN

Sreenivasa B R

Yuvashankar Gu...

Nazla Nusrat...

Srividhya Ganes...

Harish Kumar

Nisha Setty

Shilpa

Aparna N(IRR1...

Digvijay Konsam

Unmute Start Video Security Participants 246 Polls Chat Share Screen Record Reactions Leave

Zoom Meeting You are viewing Arul Bharathi's screen View Options

Machine Learning

"Machine Learning is the field of study that gives the computer the ability to learn without being explicitly programmed." - Arthur Samuel (1959)

A. L. Samuel*

Some Studies in Machine Learning Using the Game of Checkers. II—Recent Progress

Participants (245)

Find a participant

PJ PRABAHARAN J (Co-host, me) Select smart ops (Host)

AB Arul Bharathi (Co-host)

Dr S Usha (Co-host)

JK Joshi Kumar (Co-host)

PP priyanka padli (Co-host)

KB Kavyashree Bhat

15CS111

47a7a5cc

8d9d5ded

AC

AD Aishwarya D(1RR16CS003)

Aishwarya S

Aishwarya.t.gowda

Unmute Mute All Unmute All

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions Leave

Zoom Meeting You are viewing Arul Bharathi's screen View Options

DEEP LEARNING 04

Participants (248)

Find a participant

PJ PRABAHARAN J (Co-host, me) Select smart ops (Host)

AB Arul Bharathi (Co-host)

CT Connor Tickhill (Co-host)

JK Joshi Kumar (Co-host)

PP priyanka padli (Co-host)

KB Kavyashree Bhat

15CS111

47a7a5cc

8d9d5ded

AD Aishwarya D(1RR16CS003)

Aishwarya.t.gowda

AV Akhila V

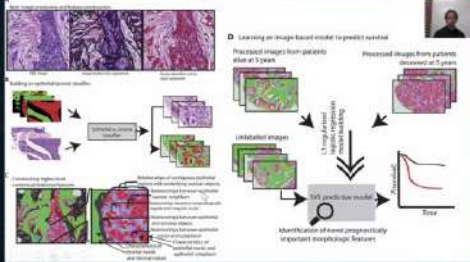
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Unmute Mute All Unmute All

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions Leave

Zoom Meeting You are viewing Arul Bharathi's screen View Options Speaker View


The Deep Learning Story



- Pathology slides of breast cancer biopsies
- Hundreds of domain experts, computer scientists worked on labelling
- The model predicts the survivability of the patients more than a doctor

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions Leave

Zoom Meeting

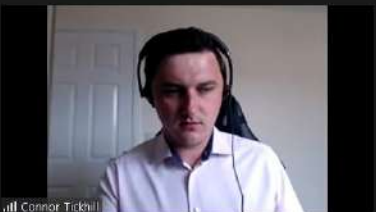


blueprism
A Digital Workforce for Every Enterprise

connected-RPA

Connor Tickhill

Solution Consulting



... Connor Tickhill

Zoom Group Chat

From Me to shubhi (Privately)
yes

From shubhi to Me (Privately)
ok thanku

From reece to Everyone:
yes

From Me to shubhi (Privately)
attend the poll @ the end of the session

From Bhuvaneshwari to Everyone
sir, can you repeat that importance again?

From Swetha R to Everyone
repeat the importance again sir

From Sanket S Kulkarni to Everyone
Thank You Sir

From Venkatesh Bhat to Everyone:
Thank you Arul Bharati Sir

From KAMLESHWAR KUMAR YADAV to Everyone
NICE

From K Vara Lakshmi to Everyone
hello sir

From Veena Naik to Me (Privately)
Thank you

To: shubhi (Privately)

Type message here...

Zoom Meeting You are viewing Connor Tickhill's screen View Options

Participants (234)

Find a participant

- PJ PRABAHARAN J (Co-host, me)
- Select smart ops (Host)
- CT Connor Tickhill (Co-host)
- AB Anul Sharathi (Co-host)
- JK Joshi Kumar (Co-host)

Invite Mute All Unmute All

Zoom Group Chat

From Manjula B S to Everyone: THANK YOU SIR

From RAVI KUMAR M to Everyone: Thank you sir

From ricece to Everyone: very information session anul and joshi

From Swetha R to Everyone: informative session sir thank u

To: shubhi (Privately)

Type message here...

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions Leave

Zoom Meeting

Zoom Group Chat

From swetha r to everyone: informative session sir thank u Swetha R

in the session I have logged in with swetharam.r18@gmail.com

Designation: assistant professor

Dept: cse

Institute: Cambridge institute of technology north campus kundana devanahalli, Bangalore.

Email: swethar.cse.nc@cambridge.edu.in

Phn: 8310810250

From Deepa Shree to Everyone: very informative session

From HIMANSHU KUMAR LAL to Everyone: THANKU SO MUCH

From 47a7abce to Everyone: can I get some insight on ML or AI security

From Venkatesh Bhet to Everyone: Thank you so much sir

From Tanushree KN to Me (Privately): hello sir

From kavayashree s to Everyone: Very informative session thank you Sir

To: Connor Tickhill (Privately)

Type message here...

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions Leave

UBER

Cancellation of requests is high during the Morning rush hours

Supply Demand Gap (from Cities to Airport) = 935/1086

Lack of Requests for return journey from airport

No Arrival flights during Morning Rush hours

Presenting advantages for drivers to pick up airport drops

The daily ride limit can be decreased

Zoom Meeting

PRABAHARAN J Arul Bharathi Shruthi Gowda Nandini S Nikita Patwar

Zoom Group Chat

From Me to Dr. Asha S Manek: (Privately) some repeated questions(sorry for that). Here is the google form - <https://forms.gle/76U1EPqy8tkeFgh6>

From Dr. Asha S Manek to Everyone: poll not visible

From Mahantesh Mathapati to Everyone: nice session

From Me to Dr. Asha S Manek: (Privately) refresh

From Jeshi Kumar to Everyone: Click the poll window if you can't see it. It might be hidden

From Kavyashree Bhat to Everyone: Sir collecting our chat details was a example you gave for tracking information . But won't it result in a data theft ?

From Poojahi to Everyone: thank you

From Dr. Nimala S to Everyone: thank you Arul sir

From Neha Bhatt to Everyone: Thank you for sharing knowledge. Nice Session.

To: Dr. Asha S Manek (Privately)

Type message here...

Unmute Start Video Security Participants Polls Chat Share Screen Record Reactions Leave

Zoom Meeting

AMD - Inter Connection Framework

ARTIFICIAL INTELLIGENCE MACHINE/DEEP LEARNING DATA SCIENCE

Simulation of human intelligence in machines that are programmed to think like humans and mimic their actions

Training an algorithm to learn and produce results without explicit programming

A multidisciplinary field of scientific methods, models, and systems to extract knowledge from data

Arul Bharathi

Participants (237)

Find a participant

Kusuma J. Lakshmi Umesh Lalithavani J. Latha Latha

Zoom Group Chat

From Me to Arul Bharathi: (Privately) k sir

From Neha Bhatt to Everyone: good morning

From Suresha Ramareddy to Everyone: good morning to everyone one... Here, Suresha R, Assistant Professor, FET, JAIN DEEMED-TO-BE-UNIVERSITY.. Email: suresharamareddy@gmail.com

To: Arul Bharathi (Privately)

Type message here...

Zoom Meeting

You are viewing Arul Bharathi's screen

View Options

Speaker View

THANKS!

Do you have any questions?

timetothink@thinkand.ai

Arul Bharathi

PRABAHARAN J

Aruna M G

Dell

Shreedhara K S

Venkatesh Bhat

Sreenivasa B R

2 participants raised hand

Unmute

Start Video

Security

Participants 225

Polls

Chat

Share Screen

Record

Reactions

Leave

Zoom Group Chat

some of the AI bots present nw threatens human kind , fr ex. the AI bot Sophia saying it would lyk to take over world nd would cage humans in a zoo

From Ram Kumar to Everyone: whether deep learning come under supervised or unsupervised learning

From Sividiya Ganesan to Everyone: Thank you sir

From Sankeet S Kulkarni to Everyone: Sir is Natural Language Processing trending

From K Varsa Lakshmi to Everyone: I heard that python programming is also a part of data science is that true sir?

From Pooja H to Everyone: Thank u very much this was very informative .plz share the slides.

From Kavyashree Bhat to Everyone: Sir you showed a Zoom Chat that was tracked and you also mentioned that our chats can be checked. Will it not result in data theft ?

From 47a7a5cc to Everyone: thank you sir

To: Jishi Kumar (Privately)

Type message here...