



Faculty Development Program – 2018
Machine Learning for Industrial Applications

An Exclusive program for faculty to enrich their skills in Emerging Technologies

11-6-2018 to 15-6-2018

SmartBridge in collaboration with Cyient and IBM.

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A Report of Faculty Development Program on "Machine Learning for Industrial Applications" by SmartBridge in collaboration with Cyient and IBM.

Name of the speakers:

Day 1: Mr. Amarnath from SmartBridge Technologies.

Day 2 to Day 5: Mr. P. Mohan, Sr. Data Science Consultant, Tech M.

Title of the workshop: Machine Learning for Industrial Applications.

Date(s): 11-06-2018 to 15-06-2018.

Venue: Learning Center, Cyient Limited, Financial District, Hyderabad.

Day 1:

FN:

A brief introduction of Machine Learning and Data Science.

AN:

Session started with the installation of R & R Studio softwares and had a brief lecture on Why & What of Machine Learning and its applications. Overview of R & R Studio applications.

Day 2:

FN:

Session started with an introduction to R with basic concepts of R (R-environment, data structures, programming fundamentals) and Use case discussion on 'Machine Learning for Quality Control'.

AN:

There was an hands-on session with a use case on Air pollution Control in Italian City using R Programming.


Day 3:

FN:

Session started with Introduction to Predictive Maintenance, Video based use case on Predictive Maintenance and Use case discussion on 'Machine Learning for Predictive Maintenance'.

AN:

There was an hands-on session with a use case on predictive maintenance of industrial machine failures.


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Day 4:

FN:

Session started with Introduction to Optimization, Video based use case on Energy/Production optimization and Use case discussion on 'Machine learning for production optimization.

AN:

There was an hands-on session with a use case on price optimization.

Day 5:

FN:



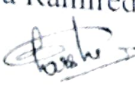
Session started with Introduction to credit risk Management and Use case from Banking sector.


AN:


There was an hands-on session with use case on predictive credit risk analysis through machine learning.

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Participants:

- 1. P. Keerthi Chandrika 
- 2. Vasundhara Ramireddy 
- 3. G. Varsha 


HOD CSE
25/6/18


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S. Narayanamma Institute of
Technology & Science (for women)
(Autonomous)
Shaikpally, Hyderabad - 500 104