



Centurion University Technology and Management

FDP on

Machine Learning

Date: 28-02-2020 to 29-02-2020

Resource person: Prof. Ganapati Panda

No. Of Participants : 23

About the workshop

The two days workshop focuses on data analytics and machine learning techniques in MATLAB® using functionality within Statistics and Machine Learning Toolbox™ and Deep Learning Toolbox™. The course demonstrates the use of unsupervised learning to discover features in large data sets and supervised learning to build predictive models. Examples and exercises highlight techniques for visualization and evaluation of results.

Topics include:

- Organizing and preprocessing data
- Clustering data
- Creating classification and regression models
- Interpreting and evaluating models
- Simplifying data sets
- Using ensembles to improve model performance

Objective:

- Bring data into MATLAB and organize it for analysis, including normalizing data and removing observations with missing values.

- Use unsupervised learning techniques to group observations based on a set of explanatory variables and discover natural patterns in a data set. Use supervised learning techniques to perform predictive modeling for classification problems.
- Evaluate the accuracy of a predictive model. Reduce the dimensionality of a data set. Improve and simplify machine learning models.
- Use supervised learning techniques to perform predictive modeling for continuous response variables.
- Create and train neural networks for clustering and predictive modeling. Adjust network architecture to improve performance.



List of Participants



Centurion University of Technology and Management
Faculty Development Programme
 on
"MACHINE LEARNING"
Prof. Ganapati Panda, FNAE.
28th -29th Feb 2020
Paralakhemundi Campus
Attendance Sheet

Sl. No.	Name	School/Dept.	Contact No. & Email-ID	Signature			
				28-Feb-2020 1 st Session	28-Feb-2020 2 nd Session	29-Feb-2020 1 st Session	29-Feb-2020 2 nd Session
1	Mr. P. Suman	SOET	978214609 suman@cutma.ac.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	Mrs. G. Sridevi	SoET	Sridevi@cutma.ac.in 933680420	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	Mr. S.S.Sahu	SoET					
4	Mr. Hemant Kumar Nayak	SOET	8895423489 hemant.nayak@cutma.ac.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	Dr. Jhum Swain	SoET	7978465798 jhum.swain@cutma.ac.in 9556544355	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	Ms. Shweta Patnaik	SoET	shweta@cutma.ac.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	Mrs. A. Abhilasha	SOET	9668582455 a.abhilasha@cutma.ac.in	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	Mr. A. Avinash	SoET					

Venue: JTM Board Room, Paralakhemundi Campus

9	Mr. Sambheet Patro	SoET	Sambheetpatro 7408123601				
10	Mr. Pradeep Kumar Mahapatro	SOET	Pradeep Kumar Mahapatro 9422219261 pradeepmahapatro@rediffmail.com				
11	Mr. Sujit Mishra	SoET	Sujit Mishra 824299160 sujit.mishra@rediffmail.com				
12	Mr. Santosh Patro	SoET	Santosh Patro 9328608225 santosh.patro@rediffmail.com				
13	Mr. K. Santosh Chandra Rao	SOET	9391909292 ks.chandra.rao@rediffmail.com				
14	Mr. Satyanarayan Padhi	SoET	SATYA NARAYAN PADHI 9438851062 satyanarayan.padhi@rediffmail.com				
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16	Mr. Binod Kumar Padhi	SOET	Binod Kumar Padhi 8484701876 binod.padhi@rediffmail.com				
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18	Mrs. Rashmi Rekha Behera	SoET	9997502999 rashmi@rediffmail.com				
19	Mr. Anjan Sahoo	SoET	9437854848 anjan.sahoo@rediffmail.com				
20	Mr. V. Khageswar	SoET					
21	Dr. Ashok Misra	SoAS					
22	Dr. Satyanarayan Dhal	SoAS	Satyanarayan Dhal @rediffmail.com 719802138				
	R.C. Mohanty	SoET, BAS					

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Dr. Prasanta Ku. Mohanty
Dean Academic

Prof. KVD Prakash
Dean - IIE & HRD

