

Day 1

29/08/2018

9.00 AM - 9.15 AM

Inauguration

9.15 AM - 11.00 AM

Statistics and Probabilities

- Basics of probabilities
- Probability type
- Probability distribution
- Bayes Theorem

11.30 AM TO 1.30 PM

Introduction To Machine Learning

Machine Learning Application

- Supervised
- Unsupervised
- Regression
- Classification
- Regularisation

Naïve Bayes Model

2.30 PM TO 4.00 PM

Fundamentals of R

4.00 PM TO 6.00 PM

Hands on ML Models

Day 2

30/08/2018

9.00 AM - 11.00 AM

Dimensionality Reduction

- Principal Component Analysis (PCA)
- Feature Analysis
- Singular Value Decomposition (SVD) and Matrix Factorization
- Correlation Analysis

2.30 PM TO 4.00 PM

Hands on Dimensionality Reduction

11.30 AM TO 1.30 PM

Time Series

- Auto Correlation (ACF)
- Partial Auto Correlation (PACF)
- Types of Time Series
- Auto Regressive (AR) Model
- Auto Regressive Integrated Moving Average (ARIMA)

4.30 PM TO 6.00 PM

Hands on Time Series



Day
3

31/08/2018

Jgi JAIN UNIVERSITY
Declared as Deemed-to-be University act 3 of the UGC Act, 1956

School of Computer Application & Information
Technology
Department of MSc - IT

9.00 AM - 11.00 AM

Dimensionality Reduction

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11.30 AM TO 1.30 PM

Time Series

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2.30 PM TO 4.00 PM

Hands on Dimensionality Reduction

4.30 PM TO 6.00 PM

Hands on Time Series



JYOTI GUPTA

4.00 PM Onwards

- Valedictory
 - Dr. Easwaran Iyer
Dean of Commerce & Director of Placements
 - Dr. Vasu BA
Director SCMS, Jain University
- Certificate Distribution
- Vote of Thanks

Contact

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Three days Hands-on Workshop on **Data Science** with **Machine Learning**

Demystifying and Discovering Data