



A Two-day Training Programme on
Artificial Intelligence - Machine Learning
For Managerial Business Decisions

Hands-On tools and techniques using real-time case studies
25th & 26th (Sat & Sunday) August, 2018.

Institute of Public Enterprise, Osmania University Campus, Hyderabad



INTRODUCTION & OBJECTIVES:

Artificial Intelligence, Machine/Deep Learning, Big Data Analytics are the buzzwords of the 21st century and predicted to become the base of business competition and governance in the future as machines have access to ever more data and algorithms replace human decision making. It has become increasingly important in both the academic and the business communities over the past decade.

The digital revolution has sent many organizations into oblivion given the increasing emphasis on the digital drive. There is no domain which can remain immune from the digital drive. The digital drive is a compulsory option for all the organizations across the world and given its pace, it is a matter of a few years that all the organizations have to embrace it, including the public sector enterprises. Managing business in the public/private sector enterprises is a phenomenal task in integrating Artificial Intelligence, Machine Learning, Analytics and Visualization in their strategic, operational and decision making processes. There is an urgent need for Enterprises to understand the shades of the digital world on the one hand and understand the process of integration on the other. This needs an exposure of the leaders to the current management functions with a different perspective.

This programme is designed to provide hands-on experience in various tools and techniques using real-time case studies that can be used for data-driven managerial decision-making.

Primary objectives of the MDP are a) Analyse data using machine learning techniques to understand and predict the relationships among variables b) Learn visual analytics, data storytelling and social network analysis c) Analyse and solve problems from different industries such as agriculture, manufacturing, retail, banking, healthcare, sports etc. d) To provide hands-On experience with leading software tools such as Gephi, Watson Analytics, R, Tableau and Python software for analytics.

PROGRAMME OUTLINE

- Importance of Analytics-Digital World Perspective
- Supervised-Machine Learning
- Unsupervised-Machine Learning
- Reinforcement-Machine Learning
- Social Network Analysis using Gephi (Facebook/ Twitter)
- Exploration of Dashboard Creation-Watson Analytics
- Prediction using Watson Analytics
- Deep Learning

PROGRAMME METHODOLOGY: The Programme will be conducted in an interactive environment . Emphasis will be on a highly participative style of learning. Programme Methodology includes class room lectures with audio visuals and sharing of experiences.

PROGRAMME DIRECTOR :

Mr. A.S. Kalyana Kumar, Asst.Prof.
Information Technology Division,
Institute of Public Enterprise, O.U. Campus,
Hyderabad- 500007. **Ph:** 094417 44319, 040-23490943 **Email:**
kalyan@ipeindia.org

RESOURCE PERSONS : Along with our core faculties, Experts and experienced practicing professionals from the industry also will be participating.

TARGET PEOPLE: *Business leaders in Marketing, Operations, Procurement, Fulfillment, Finance, Accounting, Human Resources, Customer Service and Call Centers in all industries who are considering implementing AI solutions to optimize business processes. Technical leaders in IT, Systems Development, Engineering, Data Science, as well as Devops Managers, Agile Project Managers, Network and Systems Architects, Full-Stack Developers, Cloud Architects, Web Administrators, Web Analytics Developers, Information Architects, Database Administrators and Product Managers in all industries who are tasked with integrating AI solutions into existing technology infrastructure. Professionals working with and supporting AI and Machine Learning development teams, including HR and talent acquisition staff, marketing, PR, etc.*

DATES & VENUE : 25th & 26th (Sat & Sunday) August, 2018, Institute of Public Enterprise, Osmania University Campus, Hyderabad, which is 30 kms from Shamshabad airport and around 6 kms from Secunderabad & Hyderabad railway stations.

PROGRAM FEE : Rs. 12,500 /- + 18 % GST (Twelve Thousand Five Hundred plus 18 % G.S.T) per participant. Fee includes courseware, Lunch and snacks. **A/C Double Occupancy Accommodation** can be arranged on request with **Rs. 1000 per day** at IPE-OU Campus. For **A/C single occupancy** room, Rs. 1500 per day will be charged. 18% GST is applicable to all payments. Tiffin and Dinner will be served to the resident participants.

TIMINGS : Registration at 9.30 a.m. on the first day, the sessions will have breaks in between for lunch, tea and refreshments.

HOW TO REGISTER: Please send your nominations preferably by email or by fax to **kalyan@ipeindia.org**. All payments are to be made in favour of "Institute of Public Enterprise, Hyderabad" by Demand Draft/e-Payments (contact Mr Chandrasekhar for NEFT details).

ADDRESS FOR CORRESPONDENCE: Mr P. Chandrasekhar, Programme Officer, IPE, OU Campus, Hyderabad – 500007. Ph: 040-27098145 Fax: 040- 27095183, 27095478, **Email:** pchandrasekhar@ipeindia.org **Website:** www: ipeindia.org

CERTIFICATE OF PARTICIPATION: IPE issues a Certificate of Participation along with a group photo of participants on the concluding day of the programme.

PRACTICAL HANDS-ON: There will be 65 percent of hands-on session, All the participants should bring their personal laptops and laptop accessories with following system configuration: a) Quad-Core Processor, 64-bit; b) Minimum 4GB RAM; c) 20 GB disk free. With Windows 7+ OS.