

**Data Science and Machine Learning Techniques**  
**Using MS Excel, R and Tableau**  
**[September 5-6, 2019]**  
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**Introduction**

In the 21<sup>st</sup> century, an era of big data, most organizations, companies and individuals today are required to use these disruptive technologies (Machine learning, Data science, Artificial intelligence, Deep learning, Statistics). Researchers and companies are harnessing and experimenting with various methods of extracting value from big data. The global connected world offers infinite ways to generate, collect, and store data for analysis. The relatively recent concepts of data science, machine learning, and deep learning not only offer a new set of techniques and methods, but also find their way into hype and branding. Data analysis is not only essential but indispensable for meeting the challenges of making most efficient strategic as well as tactical decisions.

**Programme Objective**

Data science employs techniques and theories drawn from many fields within the broad areas of mathematics, statistics, operations research, information science, and computer science. Demand for trained professionals in these technologies has witnessed a massive growth in the current scenario. The objective of this programme is to introduce participants to the different tools and techniques used for handling, managing, analyzing and interpreting data. The program will be hands-on with introduction to software such as SPSS, R, Python etc. The programme is suited for working professionals who would like to have a hands-on feel on working with data and making sense of it.

**Who Should Attend?**

This programme is designed for Executives, Managers, Planners, Strategists, Consultants, Middle Level Managers in Corporate Sectors & Public Sector Units including Banks, Educational Institutions, Hospitals, and Government Departments in managerial positions and seeking additional management training. Working professionals, academicians and scholars interested in exposure to disruptive technologies besides successful implementation in their respective organizations will find this program useful for their professional excellence.