



FICCI Certified Training

on

“Foundation Course on Data Analytics”

Feb 25 – 27, 2019



INTRODUCTION

Data analytics is science of extracting information, knowledge and wisdom out of raw data. The very existence in today's world is dependent on analysis of data pertaining to your goods or services and how efficiently you analyse same for benefit of your organisation. Data Analytics is becoming a must have competence in digital era!!!!

This certificate program on Data Analytics provides a structured framework to model, analyse and visualize the data and helps you to

- Understand the conceptual framework of analytics and provides skill-based learning and application of analytics. The reference to business scenarios and examples provides learning on how to model data for decision making.
- Prepares a foundation for predictive modelling to identify trends in business and operational metrics and leverage data in decision making process.

COURSE OBJECTIVES

This course provides the building blocks for Business Data Analytics to meet growing demand for professionals in industry with knowledge and skills in these areas.

- Enable participants to skill themselves with conceptual framework- theory and s/w tools to manage the data for business analytics
- Learn Statistical analysis techniques to build data models for analysis
- Analyse data models and prepare information for building relevant business dashboards.
- Discovers trends in data to develop possible insights and explore creation of new business opportunities and models

Date: Feb 25 – 27, 2019 | Time: 09:00 – 17:30 hrs | Nature: Non-residential

Venue: FICCI, New Delhi

Participation Fee: Rs. 15,000 + 18% GST (Total of Rs. 17,700/-; includes cost of training, course kit, lunch, tea etc.)

Registration: Send registration form along with cheque/DD in favour of “FICCI Quality Forum”. The seats are limited to 25 and registration will be done on first come first serve basis.

For further details & reserve your seats, please contact:

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Who Should Attend:

- Managers/Engineers – Quality, Production, Supply chain, Operations etc.
- Senior Managers/Managers – Human Resource, Finance, Sales, IT etc.
- Entrepreneurs, Working professionals, students, teaching faculties

Pre-requisites

- Basic literacy in MS applications like excel
- Participant will need to carry their laptops (64 bit 4 GB RAM) and chargers as supported accessory with Microsoft office 2013 or above installed and functional.

About Our Faculty

Program Director for this course is **Mr. Anupam Asthana**. With over 27 years of experience in diverse sectors of Automotive, Information Technology, Engineering R&D Services, Manufacturing and Education, he has been associated with leading Corporate Groups like Siemens, Eicher and Tata in management and technology roles. He has taught engineering and management courses at BITS Pilani and NMIMS University Mumbai.

His interest areas include building start-ups, digital transformation, automotive product development, business operations and analytics and Industry 4.0 for enterprise value chain

About FQF

FICCI Quality Forum (FQF) is a specialized division of Federation of Indian Chambers of Commerce and Industry (FICCI) set up with objective to sharpen the competitive edge of Indian Industry. FQF provides training, consultancy and research services focused on enhancing the quality quotient of clients and partner organization. For the past 20 years, FQF is providing training on various ISO management systems and has a pool of highly competent & experienced trainers to conduct training courses.

FQF has collaboration arrangements with Intertek India for providing IRCA, UK approved Auditor/Lead Auditor training courses on ISO 9001 Quality Management System (QMS) ISO 14001 Environment Management System (EMS), ISO 22000 Food Safety Management System (FSMS) and ISO 45001 OH&S, ISO 27001 Information Security standards etc. to name a few

Methodology and Certification

A judicious mix of class room presentations, case studies, group discussions and hands on practice. Participant will be encouraged to relate the learning to live situations.

Participants who complete the continuous assessment during the course and written examination conducted on last day of course will be issued a certification by FQF

Course Content

- **Introduction**
 - Overview of data analytics
- **Data Visualisation using Tableau**
- **Core business statistics**
 - Basic Statistics, Regressions and Hypothesis
- **Data management – Overview of methodology for ETL and Data quality**
- **Predictive modelling for data insights**
- **Business examples and case for reinforced learning**

#Technology platforms typically used are open source. Includes applications like MS Excel, SQL, Tableau for visualisation. Tableau and SQL download links will be provided prior to start of the course.