

CII Programme on **PREDICTIVE ANALYTICS**

27 - 30 March | 9:00 am to 1:30 pm &
10,11,12 April | 9:00 am to 1:30 pm

Statistical experiment design and analytics are at the heart of data science. In this course you will design statistical experiments and analyse the results using modern methods. You will also explore the common pitfalls in interpreting statistical arguments, especially those associated with big data. Collectively, this course will help you internalize a core set of practical and effective machine learning methods and concepts, and apply them to solve some real world problems.

WHO SHOULD ATTEND

Anyone who needs to communicate something to someone using data.

- Project Lead of Green Belt / Black Belt project who needs to present the data
- Analysts sharing the results of their work
- Managers who need to communicate in a data-driven way
- Leaders informing their board to make decisions using data.

SOFTWARE REQUIRED

Microsoft Excel

CERTIFICATION PROCESS

You will need to submit a project and clear the exam

KEY LEARNING

Learning Goals: After completing this course, you will be able to:

- All four levels create the puzzle of analytics: describe, diagnose, predict, prescribe
Design effective experiments and analyse the results
- Use resampling methods to make clear and bulletproof statistical arguments without invoking esoteric notation
- Explain and apply a core set of classification methods of increasing complexity (rules, trees, random forests), and associated optimization methods (gradient descent and variants)
- Explain and apply a set of unsupervised learning concepts and methods

FEE: INR 20,000 + GST

- *Pre-registration is Mandatory*
- *10% discount for registrations for 3 or more registration form the same organization*



Mamta Rai
+91 99860 12818
mamta.raii@cii.in

Deeksha Priya V A
+91 95919 72489
deeksha.priya@cii.in