

CERTIFICATION PROGRAMME ON

Business Analytics & Statistical Data Mining



DATE

September 09–11, 2026

3 Days



TIMINGS

10:00 AM – 5:30 PM

Daily Schedule



VENUE

ISI Delhi Centre

7, S.J.S. Sansanwal Marg, New Delhi



BATCH SIZE

Max 50 Seats

First Come First Served

About the Programme

Business analytics is a discipline that uses specialized techniques and tools to gather information, organise data and interpret it to support business decision making. This new integrated course combines business analytic skills with concepts of statistical / machine learning / analytics problems, Six Sigma methodology to improve processes and make data-driven decisions. This approach provides a comprehensive and disciplined model for improvement, that leads to significant reduction or elimination of defective and out of control processes. It allows professionals from service industry and manufacturing industry to make use of data analytic skills, to improve sigma value, operational efficiency and increased profitability. The key features of this course is that it combines concepts, tools and techniques used in business analytics, statistical data mining, six sigma. The skills gained in this course will help the participants to be equipped with more data analytic skills. This will be useful in various six sigma projects.

- Course Coverage**
- Introduction to Business Analytics & Concepts of Statistical / Machine Learning / Analytics Problems
 - Phases of the Data Analytics Lifecycle
 - Web Analytics Basic Concepts & Visual Analytics using R
 - Relevance & Importance of Six Sigma
 - Probability & Distributions (Normal & other useful distributions)
 - Analysis of Variance & Time Series
 - Statistical Data Mining
 - A Brief Introduction to Deep Learning
- Data Structures
 - Developing a Predictive Business Analytics Function
 - Basic Statistics, Graphs & Charts for Data Visualization
 - Sampling Concepts and Methods
 - Probability Computations, Estimation, Confidence Interval & Hypothesis Testing
 - Prediction Modelling through Regression
 - Market Basket Analysis
 - Neural Network for Business Analytics

PARTICIPANTS PROFILE

Bachelor's degree with knowledge of Mathematics/Statistics (10+2 level), **or** Bachelor's degree with Six Sigma Green Belt certificate, **or** BE/B.Tech degree, **or** MBA

CERTIFICATION CRITERIA

Minimum marks (%) to be obtained in the examination:
Theory 60% and Project 60%.
Online examination after one month (announced during the course).

FACULTY
From **Indian Statistical Institute, Delhi Centre**

₹20,060/- per participant

₹17,000 + GST 18% · Inclusive of **Lecture Material, Lunch & Refreshment**
Course fee once deposited is **non-refundable / non-transferable.**

Payment Details

SCAN QR CODE TO PAY

INDIAN STATISTICAL INSTITUTE

Pay Directly to: isidelhi@indianbk



BANK TRANSFER (NEFT / RTGS)

Account Name	Indian Statistical Institute
Bank Name	Indian Bank
Branch	MIA
Account No.	405048625
IFSC Code	IDIB000M089
MICR No.	110019018
Account Type	Current

All payments must be done electronically via NEFT / RTGS / QR Code.

REGISTRATION & ENROLMENT

Please send participant details to **Prof. S. K. Neogy** by email and fill the Google Form for enrolment. You will receive an automatic confirmation.

Last Date of Registration: August 31, 2026

ENROL NOW →

PROGRAMME DETAILS →

CONTACT & ENQUIRY

Prof. S. K. Neogy
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Indian Statistical Institute
7, S.J.S. Sansanwal Marg, New Delhi – 110016

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Mobile / WhatsApp: 8800170139

(For message only — do not call on WhatsApp)

Email: skn@isid.ac.in · sknisd@gmail.com

Course fee once deposited is non-refundable and non-transferable. Seats allotted on first-come-first-served basis.

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