



MINISTRY OF
**ELECTRONICS &
INFORMATION TECHNOLOGY**
GOVERNMENT OF INDIA



Big Data and Data Analytics

A Capacity Building Programme under Digital India

▶ **Batch 1: 26-27 NOV, 2025**

Batch 2: 20-21 JAN, 2026 ◀

Programme Objectives

NeGD, in collaboration with IIT Kanpur (IITK), is offering a short-term training programme on Big Data and Data Analytics. This program is designed to be accessible to a diverse set of officers affiliated with NeGD, who are dealing with big data and data analytics projects across all levels including policy, program management and executive levels. The major objective of the course is to provide an overview of the big data technologies, highlight the challenges related to their adoption and discuss the role of big data in the context of public policy and administration. Participants will also have an opportunity to understand the basics of data analytics concepts through a few selected hands-on case studies.



Programme Coverage & Structure

The program starts with a brief introduction to big data and highlights its salient characteristics with respect to conventional spreadsheet data. We will mention the major public and government sources of big data. Then after, we will develop an understanding of the major big data analytics and visualization platforms in the context of cloud computing and the internet of things (IoT). The major data analytics concepts covered in the course will be reinforced through selected hands-on case studies. The course will conclude by providing a global perspective on big data, covering a wide range of issues such as regulatory, user privacy, and potential threats.

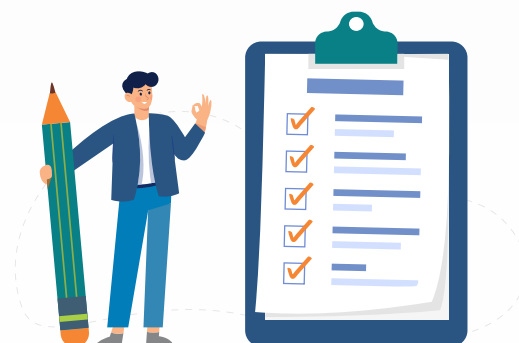
The Accommodation & Programme details

All participants will be provided with a single occupancy, AC room, accommodation on IITK campus during the training period. The teaching sessions will be held in IITK Outreach Auditorium, that is equipped with modern state-of-the-art teaching facilities. The hands-on data analytics and case study exercises will be conducted in IITK Windows labs.

The program will be a combination of lecture sessions, storytelling using data analytics case studies, hands-on lab exercises and group discussions. Leading experts from industry and MeitY will also offer their domain specific insights related to handling big data and data analytics projects.

Eligibility for the Participation

The program is intended for a broad spectrum of officers engaged in big data and data analytics initiatives, including policy-level officers responsible for project conceptualization and critical decision-making; mid-level officers tasked with the design, partial implementation, management, and monitoring of projects; and executive-level officers responsible for the execution and operationalization of project activities.



Nomination Process

Interested candidates may apply online by visiting <https://tmis2.negd.in/>

- Only acceptable applications are through online registration and accompanying nomination letters from competent authorities.
- Nominations will be made based on the eligibility and suitability of candidates.

Note: The confirmation of participation and details of venue and any related changes will only be communicated to the registered email ID and contact number. Please use your official and active email ID and contact number while registering online

Last date for submission of nominations-

Batch 1 - Oct 26, 2025
Batch 2 - Dec 20, 2025



For further details on programme, please contact:



E-mail: negdcb@digitalindia.gov.in

Call: 011-24303742






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