10 Days Online Training Programme on Big Data Analytics for Government Officials under FutureSkills PRIME

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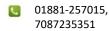📞 01881-257002

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Free of cost Training

Limited Seats

NIELIT Chandigarh in association with CDAC, as lead centre, is organizing 10 days free of cost online training programme on Big Data Analytics for Government officials under FutureSkills PRIME Scheme.

About Training Programme

Government of India has sanctioned a project FurtureSkills PRIME (Programme for Re-skilling/Up-skilling of IT Manpower for Employability) which is being implemented as a new Central Sector Scheme under the "Champion Services Sector Scheme (CSSS)". This project is being implemented jointly by NASSCOM, NIELIT and CDAC in PAN India as per the directions issued by the Ministry of Electronics and Information Technology (MeitY), Government of India. The project includes training programmes in 10 emerging technologies and Big Data Analytics is one such technology.

Objective of Training Programme

The objective of the training programme is to ensure continued relevance of the Government Officials in the area of Big Data Analytics. The proposed training on Big Data Analytics for Government Officials will create awareness amongst Government officials regarding impact of evolving technological ecosystem and train them with relevant skill set.

Target Audience

The training is for employees in Central/State Governments, PSUs and Autonomous organizations who are involved in IT/ITeS & related areas to keep abreast with the emerging technologies and get internal technical manpower trained.

Pre-requisites

Knowledge of basic Linux commands, SQL and Core Java. System Requirement of 64-bit OS with required RAM of 8 GB.

Brief Contents

Day	Contents	Day	Contents
1	Big Data Concepts, Need for analyzing Big Data, Type of data, roles of Big Data Analytics in Business Intelligence and decision making and Practice Set, Hadoop and HDFS	6	Linear regression, Association rule
2	Hadoop commands, MR programming techniques, MR execution and practice	7	Basics of Python Statistical Techniques, Clustering techniques
3	HIVE, installing HIVE, Data types, HIVE shell, HIVE commands, HIVE SQL, HIVE Functions, Complex Data types	8	Advanced Python, Time Series Analysis
4	HIVE in client-server mode, beeline, mapping HIVE datatypes with Java datatypes, Connecting Java with HIVE. HIVE and JDBC	9	Time Series Analysis, Case Studies, understanding on Data Visualization, Predictive Analytics Using Python
5	Integrating HIVE with Java Swing for developing front end application, Practical	10	Technical session on Big Data, projects etc.

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