



LIVE LECTURES

CERTIFICATE IN BIG DATA TECHNOLOGY

Live Course (Live Lectures)

COURSE OVERVIEW

This course offers core concepts behind big data problems, applications, and systems. It is for those who want to start thinking about how Big Data might be useful in their business or career. This course covers the framework of Hadoop, which has made big data analysis easier and more accessible -- increasing the potential for data to transform into information.

COURSE OBJECTIVE

Big data enables you to gather data from social media.

Big data delivers personalized offers, reduces customer churn, and handles issues proactively.

SKILLS YOU WILL LEARN

Big data delivers personalized offers, reduces customer churn, and handles issues proactively.

COURSE SKILL SET

- Data Introduction
- Deep Dive Into Apache Spark and Scala
- MongoDB
- Hadoop Practice Guide



PROGRAM HIGHLIGHTS

- Instructor- Dr. Priti Maheshwary | / Dr. Pooja Bijlani
- Duration- 6 Months
- Eligibility- Any graduate with a Science stream
- No. of Modules - 33
- Placement training- Yes
- Language-English
- Shareable certificate- Yes
- Webinar- Yes

PROGRAM SYLLABUS

Paper 1

Data Introduction

Chapter 1 - Introduction To Data

Chapter 2 - Data Processing

Chapter 3 - Control Program for Microcomputer or Microsoft Excel

Chapter 4 - Statistics Data Analysis

Video Lecture

Internal Assessment

Paper 2

DEEP DIVE INTO APACHE SPARK AND SCALA

Chapter 1 - Apache Spark and Scala

Chapter 2 - Apache Spark Framework

Chapter 3 - Data Frames and Spark SQL

Chapter 4 - Machine Learning using Spark Mllib

Internal Assessment

Paper 3

MONGODB

Chapter 1 - Connect to MongoDB

Chapter 2 - MongoDB Security, Backup

Video Lecture

Internal Assessment

Paper 4

Hadoop Practice Guide

Chapter 1 - Hbase

Chapter 2 - Hive

Chapter 3 - Pig

Chapter 4 - Sqoop

Internal Assessment



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