BigData Analytics on Hadoop

Duration: 2 Days

DESCRIPTION

This course is advancement to Processing BigData on Hadoop, while Processing BigData was geared more towards Developers who wanted to understand how to use Hadoop to handle and arrange BigData. This course will focus on performing analytical operations to gain insights from data proceeded through Hadoop. This course will teach you all about BigData Analytics on Hadoop.

Big Data is a popular term used to describe the exponential growth, availability and use of information; both structured and unstructured. It is imperative that organizations and IT leaders focus on the ever-increasing volume, variety and velocity of information that forms BigData. Hadoop is the core platform for structuring BigData, and solves the problem of making it useful for Analytics.

OBJECTIVES

• The basics of Hadoop, Mapredure, Pig Latin(coding language).

• The basics of Analytics- concepts, Data preparation; merging, managing missing numbers sampling, Data visualisation, basic statistics.

• Good amount of practice to ensure, you are comfortable handling Analytics project on BigData.

COURSE OUTLINE

Day 1
What is Big Data? What is Hadoop?

Anatomy of HDFS; blocks of data ;

How to extract data from Hadoop-basic understanding of how to write code

Map reduce – a programmer's tool – brief introduction

Pig Latin – Reading data – data retrieval; saving datasets

Data Preparation and Management
• Types of variables
• Identifying the business Y
• Basic Statistics
• Merging and Appending data – Primary key concept
• Missing values
• Outliers

Day 2
Data visualisation-Graphs , Charts – the basics

Normal Distribution

Correlation , Covariance

Sampling

Hypothesis Testing
• T Test
• Annova

Deductive Vs Inductive reasoning

Process of Analysis

WHO SHOULD ATTEND

- Data analysts/Data scientists who want to know how to use their expertise on Big Data

- Database Managers with Knowledge of Hadoop/Java who are looking for something more to expand their horizons, particularly how to manage and draw insights from their data.

- Consultants who wants to understand what is BigData Analytics.

PREREQUISITES

- Processing BigData with Apache Hadoop course OR
  A thorough understanding about BigData and Hadoop

TRAINING CALENDAR

Subscribe to our Training Calendar & get a **Cash Back** of **INR 1,000/-** (One Thousand INR).

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TESTIMONIALS

" Great two day experience which opened up to a different world of Big Data and Hadoop. Thanks to the trainer who is very knowledgeable. "

- Prakash Matdata (Hewlett Packard)

" It was a good training for starters in Big Data problem and how to solve with Hadoop. The trainer is very interactive. I could gain a lot of information during the sessions. "

- Raveendra Kancharla (PriceWaterHouse Cooper)

" The background of the trainer is very convincing and they know what they are teaching. So, if you want to learn Cloud Computing or Big Data - Hadoop, Reach out here! "

- Kunal Saxena (Senior Lead Test Engineer, Globallogic)

For training inquiry, please email us at: sales@cloudthat.in

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