

"Ask not, for job;  
We help you choose a job of your interest"



## High Value

### Big Data Analytics with Hadoop

2 week-ends workshop

- ✓ Saturdays & Sundays
  - 4 hrs of Theory
  - 4 hrs of Practical
  - 2 hrs of Self-Learning
- ✓ Unlimited Lab Hours
- ✓ Syllabus per Industry Needs
- ✓ Individual Approach to Student
- ✓ Hands-on Project Experience
- ✓

# dots drops 2

## Research

## Theory

## Practical

### You Get

- ✓ Become a Certified Hadoop Developer
- ✓ Skills in Hadoop
- ✓ Skills in MapReduce Programming
- ✓ Skills in Data Analytics
- ✓ Certificate from dots2drops
- ✓ Interaction with researches
- ✓ Learn from expert speakers in field

Center for Analytics

**dots2drops**

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Madhapur, Hyderabad – 500081

(Road opposite to Indian Oil Petrol Pump)

Call 990-872-4447

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# Foundation Workshop - Big Data Analytics with Hadoop

Overview of agenda is given below.

## Module 1: Thinking at Scale

Introduction to **BIG Data & Hadoop**

Introduction to **MapReduce & HDFS**

**Exercises**

## Module 2: The Hadoop MapReduce API & Algorithms

- How to get started writing programs with Hadoop's API.
- Programming methodologies and paradigms in MapReduce
- Beyond basics: The flow; APIs; Creating InputFormats and OutputFormats; Driver; Mapper; Reducer; Streaming
- Standard algorithms: Sorting; Searching; Indexing
- Map-side and Reduce-side Joins; Secondary Sort

**Exercises**

## Module 3: Debugging, Advanced API & Algorithms

**Exercises**

## Module 4: MR 2.0/ YARN

**Exercises**

## Module 5: Introduction to The Hadoop Ecosystem Components

An introduction to components surrounding Hadoop, which complete the greater ecosystem of available large-data processing tools.

**Exercises**

## Module 6: Introduction to Scoop

**Exercises**

## Module 7: Introduction to Pig

**Exercises**

## Module 8: Introduction to Hive - A Data Warehouse for Hadoop

**Exercises**

## Module 9: How to prepare for Hadoop Certification Exams?

Mock Exam

## Module 10: What Next after this course?

**Our Policy:** We will not collect qualification certificates or fixed deposits from candidates and will not offer any job-guarantee schemes. Instead, we enable students to become proficient with real-time projects and self-reliant to do software projects (in the area candidate engages with us) and **face interviews with enormous confidence.**