



Training Schedule

Amar Sharma

B.E., IIT Roorkee, M. Tech, IIT Delhi

Startup Consultant (Big Data and Analytics Specialist)

About us

- ▶ Vast and thorough experience in Big Data Analytics and Clouds
 - ▶ Prior Experience with Microsoft, Yahoo, Synopsys, Syncapse and Motorola
 - ▶ Specialist in Cloud based solutions
- ▶ Subject Experts
 - ▶ Big Data Computation
 - ▶ Data Analysis
 - ▶ Cloud
- ▶ Technologies Expert
 - ▶ Hadoop Framework
 - ▶ Data Storage (Elasticsearch / Cassandra / HBase etc.)
 - ▶ Frontend tools (Kibana, Pentaho)
- ▶ Training Experts



Contents

- ▶ Contents that are hot in the Market
 - ▶ Solving real problem
 - ▶ Having job opportunities in US and India
 - ▶ Customized
- ▶ End to End stack
 - ▶ Not just buzzy words
 - ▶ Big Picture
 - ▶ All the layers covered
- ▶ Focus on the actual learning



Modules

- ▶ Quick Shuffle (½ day or 4 hours)
- ▶ Top Gear (1 day or 8 hours)
- ▶ Deep Dive (2 day or 8 + 8 hours)
- ▶ Extended Deep Dive (3 day or 8 + 8 + 8 hours)



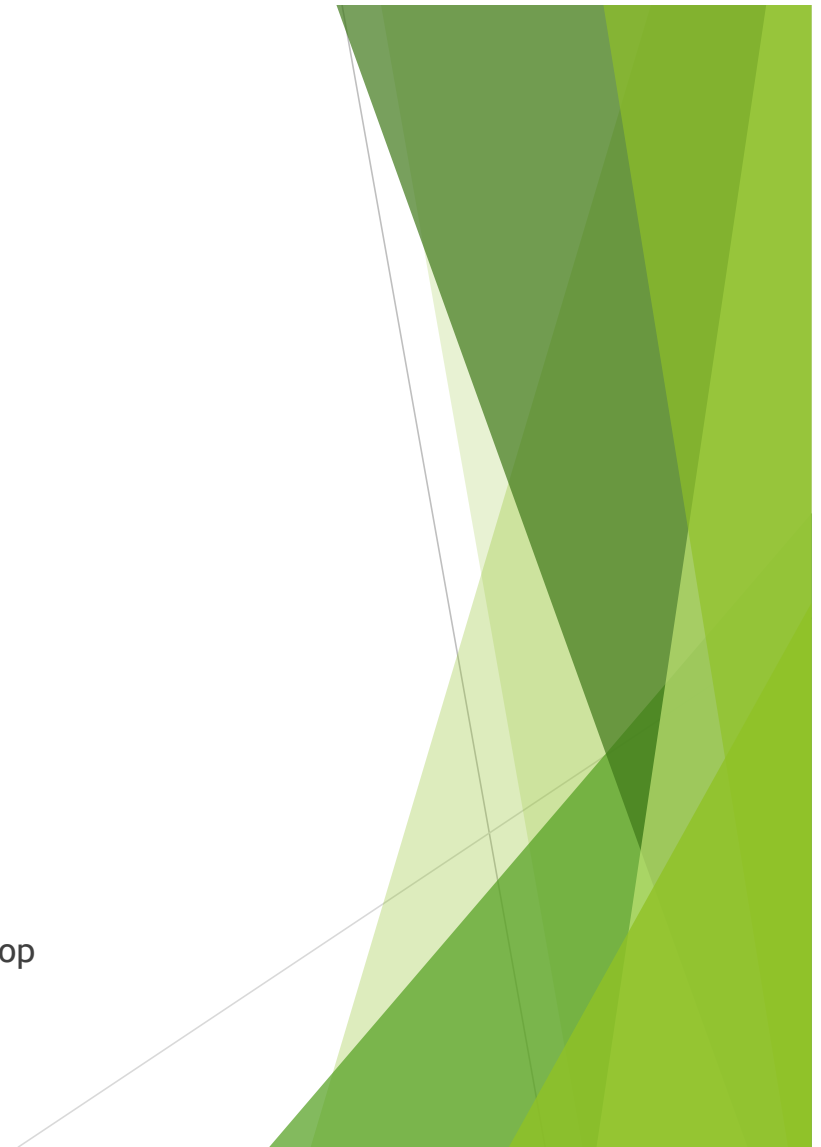
Quick Shuffle (1/2 day course)

- ▶ Contents
 - ▶ Overview
 - ▶ Big Data, Hadoop Architecture, HDFS, HIVE, HBase
 - ▶ Detail discussion
 - ▶ Map Reduce Concepts and Flowchart
 - ▶ Simple Use-case and it's code explained
 - ▶ Program execution
- ▶ Prerequisite
 - ▶ Java, Unix (Familiarity)
- ▶ Hardware requirements
 - ▶ None



Top Gear (1 day or 8 hours)

- ▶ Contents
 - ▶ Detail discussion
 - ▶ Big Data, Hadoop Architecture, HDFS, HIVE, Hbase, Elasticsearch
 - ▶ Map Reduce Concepts and Flowchart
 - ▶ Simple Use-case and it's code explained
 - ▶ Middleware ActiveMQ / RabbitMQ etc.
 - ▶ Hands on writing a Map Reduce job
 - ▶ Demo of Frontend Analytics
- ▶ Prerequisite
 - ▶ Java, Unix (Basic commands)
- ▶ Hardware requirements
 - ▶ 16GB, Octa Core , 20 GB swap memory box, with One Box Hadoop Installation up and running



Deep Dive (2 days or 8+8 hours)

▶ Contents

▶ Detail discussion

- ▶ Big Data, Hadoop Architecture, HDFS, HIVE, Hbase, Elasticsearch
- ▶ Map Reduce Concepts and Flowchart
- ▶ Simple Use-case and it's code explained

▶ Middleware ActiveMQ / RabbitMQ etc.

▶ Hands-on writing a Map Reduce job

▶ Data Insertion Techniques

▶ Hands-on Frontend Analytics

▶ Prerequisite

- ▶ Java, Unix & Scripting(Basics), ssh and remote shall invocation.

▶ Hardware requirements

- ▶ 2 number of 32GB, Octa Core , 20 GB swap memory box, with One Box Hadoop Installation up and running



Extended Deep Dive (3 days or 8+8+8 hours)

- ▶ In addition to Deep Dive Module
 - ▶ Docker - Build, Ship, and Run Any App, Anywhere
 - ▶ Concepts Explained
 - ▶ Use cases discussion
 - ▶ Hands on examples
 - ▶ AWS
 - ▶ Concepts explained (EC2 , S3 etc.)
 - ▶ Cost optimization techniques
 - ▶ Use cases discussion
 - ▶ Hands on examples

