

# BIG DATA – 2 DAY COURSE

## Day 1

- What is Big Data
- The Meaning of Big Data - 3 V's
- Big Data - Big Analytics
- Hadoop
- New OLTP
- NoSQL
- Data Integration
- Big Data, Small Data and Data Visualization
- Sentiment Analysis
- HDFS and MapReduce
- Using Pig to Enrich the data
- IBM Big Data Platform
- BIG DATA is not just HADOOP
- Spreadsheet-style Analysis
- Future: The SQL interface
- Beyond the Hype
- Click Stream Analytics
- Device Data Analytics
- NOSQL Database Types (Key-Value, Column, Document, Graph)
- ORACLE Big Data Solution
- Tapping into Diverse Data Sets
- Business Intelligence Applications

## Day 2

- Hadoop — Pig and Hive
- Hands-On
- Types of Big Data Analytics
  - Descriptive
  - Diagnostic
  - Predictive
  - Prescriptive
- Intro to 'R'
- Analytics in 'R'
- Hands-On
- Google Analytics
- Demo
- Hootsuite Analytics
- Demo
- Mongo DB
- Cassandra
- Hands-On

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