

## Big Data, Hadoop, MapReduce, R, Hive and Pig programming

### Big Data Impact and DSRI

**Big Data** is storming across all the Industry Sectors. Almost every Industry is planning to monetize the benefits from this technology and also provide their clients value additions and enhance own business.

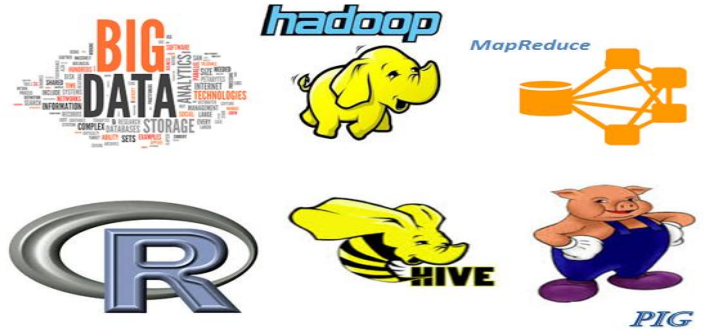
Gartner reports Big Data creates 4.4 million IT jobs globally, 1.9 million in US and 3 lakhs in India to support Big Data by 2016. NASSCOM predicts that Global Analytics from USD 96 billion in 2014 to USD 121 billion in 2016.

During the last decade, the momentum coming from both academia and industry has lifted the **R programming language** tool for computational statistics, visualization and decision science. Hive and Pig are used for data analysis of large amount of structured and unstructured data. Facebook uses hive for data analysis and Yahoo uses pig for its search engine. Most of the log analysis, logs generated by either by server or system are analyzed using hive and pig

**Master Speaker: Hemanth Kumar P. [PhD.] M.Tech., BE, Data Scientist of Predictive Research ([www.predictiveresearch.in](http://www.predictiveresearch.in)).** He has worked in Data Mining, Simulation, Predictive Modelling and Product Development fields for more than 5 year in Industry . He has conducted several workshops at Bangalore, Cochin, Coimbatore in collaboration with MSME.

**Associate Speaker: Mr. Mukesh,** worked on several projects on Data Mining and has a expertise in Big Data Technologies.. He has conducted several workshops at Bangalore, Cochin, Coimbatore in collaboration with MSME.

Come to take a wonderful Ride on this technology get the feel of it..!



Day	Time	Workshop Content
Day 1	09:00-10:30	Introduction to Big Data Basics of Data Science
	10.30-11.00	Coffee Break
	11.00-1:00	What is Hadoop? MapReduce and Hadoop Eco system
	1:00 – 2:00	Lunch Break
	2:00 – 3:30	Installation of Hadoop
	3:30 – 3:45	High Tea
	3:45 – 5:00	Single Cluster Multi Cluster MapReduce Examples
Day 2	09:00-10:30	Statistics & Data Mining Why R?
	10.30-11.00	Coffee Break
	11.00-1:00	Data Analytics-R
	1:00 – 2:00	Lunch Break
	2:00 – 3:30	Data Analytics –R (contd...)
	3:30 – 3:45	High Tea
Day 3	3:45 – 5:00	R Hadoop Analytics Packages in R
	09:00-10:30	Hive programming introduction and Configuring Hive on Hadoop
	10.30-11.00	Coffee Break
	11.00-1:00	Hands on experience on hive
	1:00 – 2:00	Lunch Break
	2:00 – 3:30	Introduction to Pig programming and Configuring Pig
	3:30 – 3:45	High Tea
3:45 – 5:00	Hands on experience on Pig programming	

Come &  
Benefit

Limited seats  
Contact Immediately for Registration

Don't Wait  
Register

Workshop Expenses per Person:  
\$950/- (Inclusive of all Taxes)  
Enquire For Group Discount  
Contact Person: Ashvini Patil +91 95380 93274  
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