

## Workshop on Big Data ,Apache Spark & Python

**Workshop Objective**

This is a 2 day hands-on Apache Spark & Python Workshop / training where participants will be able to perform data analysis at using Apache Spark.

This course is 100% practical oriented and hands on which covers an overview of Hadoop, Python and Apache Spark, and Machine Learning Libraries using Spark. Participants will be able to read / write data to/from HADOOP or any Webservers. Also work with REAL TIME Streaming sources.

**Participants will be able to perform hands-on projects with below objectives:**

- \* Using python scripts for web scraping and data wrangling
- \* Using apache spark to perform quick analysis on structured and unstructured data sets which includes files like CSV, JSON, AVRO, Parquet
- \* Utilizing extract-transform-load operations (ETL)
- \* Employing exploratory data analysis (EDA)
- \* Connect to HDFS & HIVE with Spark and perform data processing.
- \* Generate insightful visualizations

**Focus on Machine Learning**

At the end of the workshop, Participants will be able to perform :

- Differentiate between supervised and unsupervised Machine Learning problems
- Apply various regression and classification models
- Train analytical models with Spark MLlib's Data Frame-based estimators
- Implement linear regression, decision trees, logistic regression, and k-means.
- Understand purpose of Transformers to perform pre-processing on a dataset prior to training
- Write code to implement Transformers using standardization, normalization, one-hot encoding, and binarization.
- Create a processing pipeline including transformations, estimations, evaluation of analytical models.
- Using Spark MLlib evaluators to Evaluate model security by dividing data into training and test datasets and computing metrics.
- Tune training hyper-parameters by integrating cross-validation into Spark MLlib Pipelines.

Post Workshop Support:      Certification :      Internships & Resume Prep :

### Seller Info

Name: Big Data Scientist  
First Name: Big  
Last Name: Data Scientist

### Listing details

#### Common

Offered or Seeking : Offered  
Condition: New  
Title: Workshop on Big Data  
,Apache Spark & Python  
Description: VISIT: <http://www.pakkaindia.com/bigdata/>



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FOR REGISTRATION  
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Price: \$ 0.00  
Posted: Sep 14, 2018

## Location

Country: Australia  
State/Region/Province: Victoria  
City: Melbourne  
Address: CBD 210  
Account Address on the Maps: No