

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