

Write the future with the power of Big Data

Learn to wield the power, speed, and dexterity of Big Data to your advantage. The Fusionex Big Data Analytics Training Program equips you with all the right tools to write your own success story.



Fusionex

Big Data Analytics

Training Program

Showing you the fastest route from raw data to impactful insights, our courses offer hands-on training and in-depth lessons that teach you how to manage (extract, compile, clean and analyze) your own data. You also get to learn the ways in which Big Data Analytics (BDA) can be applied to almost any industry.



Applied Data Analytics

DURATION

2 DAYS

COURSE OBJECTIVE

Upon completion of this course, participants will be equipped with data analytics essential concepts, specialized data management techniques – including data extraction and cleansing, and be capable of building and interacting with dashboards.

TARGET GROUP

This course provides a broad overview and essential elements of BDA to participants. This course is greatly beneficial to data analysts or data analysts to-be. This course will also set you on the path towards becoming data engineers or data scientists.

Early Bird Price: RM 2,600

Full Price: RM 2,900

(HRDF Claimable)

COURSE OUTLINE

- ✓ Introduction of BDA
- ✓ Business Use Cases
- ✓ Analytics Lifecycle
- ✓ Smart Query
- ✓ Create Dashboard
- ✓ Interacting/Sharing Dashboards
- ✓ Data Management
- ✓ Managing Metadata
- ✓ Process of Data Analysis
- ✓ Visualization
- ✓ Group Project
- ✓ Introduction of Advance Analytics

Applied Data Engineering

DURATION

5 DAYS



COURSE OBJECTIVE

Upon completion of this course, participants will be familiarized with all the relevant components of Big Data. Participants will also be able to perform data analysis, build real-time stream analytics, execute complex data management, build apps, and create visualizations on top of data.

TARGET GROUP

This course prepares participants to become data engineers and set them on the path to become data scientists. Participants should preferably have some knowledge in Python, SQL, HTML, or JavaScript.

Early Bird Price: RM 6,500

Full Price: RM 7,200

(HRDF Claimable)

COURSE OUTLINE

- ✓ Introduction to Big Data
- ✓ ETL/ELT Best Practices
- ✓ Managing Metadata
- ✓ Consolidating Multiple Data Sources
- ✓ Data Cleansing & Transformation
- ✓ Scheduling Data Refresh
- ✓ Introduction to Hadoop
- ✓ Ingesting Flat Files into Hadoop
- ✓ Integration between RDBMS & Hadoop
- ✓ Data Processing using Hive
- ✓ Interactive Query using Impala
- ✓ Processing Log Files
- ✓ Collecting External Data from the Internet
- ✓ Introduction to Spark
- ✓ Processing Data using Spark
- ✓ Querying Data in Spark
- ✓ Real-time Data Processing using Spark Streaming
- ✓ Job Orchestration & Workflow using Oozie
- ✓ Troubleshooting an ETL Job
- ✓ Performance Optimization
- ✓ Developing Data Visualizations using D3.js

Applied Data Science



predictive
analytics

DURATION

4 DAYS

COURSE OBJECTIVE

Participants will develop a deep and profound understanding of Big Data Analytics (BDA) and the data science lifecycle, and be able to develop predictive models and recommendation engines.

_TARGET GROUP

This course caters to those with experience in data science and have intentions of becoming full-fledged data scientists. Participants should preferably have some knowledge in Python or R and are recommended to have completed the Applied Data Analytics course.

Early Bird Price: RM 5,200

Full Price: RM 5,800

(HRDF Claimable)

COURSE OUTLINE

- Data Science Overview
- Data Science Lifecycle
- Data Acquisition & Cleansing
- Data Analysis & Statistical Methods
- Introduction to Machine Learning
- Introduction to Spark & MLlib
- Predictive Modeling
 - (Linear Regression, Clustering, Decision Tree, Random Forests)
- Building a Recommender System
- Model Evaluation
- Creating Simulation Models & What-If
- Natural Language Processing & Sentiment Analysis
- Geo-Clustering Analysis
- Graph Analysis



Email us at training@fusionexgiant.com for enquiries on training courses.

www.fusionexgiant.com

Fusionex may make changes to the information and specifications set out herein at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined." Fusionex reserves these characterizations for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from any changes to them. Please do not finalize any design with the information, specifications and descriptions set out herein if the same is marked as "reserved" or undefined".

The training syllabus described in this document may contain design defects or errors known as errata which may cause the training to deviate from published specifications. Current characterized errata are available on request. Contact your local or nearest Fusionex sales office or your distributor to obtain the latest specifications before placing your order. Copies of documents which have an order number and are referenced in this document, or other Fusionex literature, may be obtained by visiting the following website at www.fusionex-international.com.

The training courses are HRDF (Human Resources Development Fund - Malaysia) claimable.

Copyright © 2018 Fusionex. All rights reserved.