

# Introduction to Big Data Analytics and Hadoop



## About us

### Who we are

The Centre for Continuing and Professional Education (CPE) was established in 1999 to provide continuing professional education and lifelong learning opportunities for University's staff, students, alumni and the public. As part of TAR UMT's commitment to continuing education and lifelong learning, CPE is entrusted with designing, developing and delivering various activities, workshops and programmes to meet the diverse learning needs of multiple parties.

## About This Training

Introduction to Big Data Analytics and Hadoop is suitable for those who are new to data science and interested in understanding how Big Data Analytics is used for daily life. This training will provide the participants with basic knowledge needed to dive into big data analytics field, from data crawling to decision making for better business insights.



### Date and Time

19 - 20 August 2023  
Saturday to Sunday  
9 AM to 5 PM



### Training Venue

TAR UMT  
Jalan Genting Kelang, Setapak  
53300 Kuala Lumpur



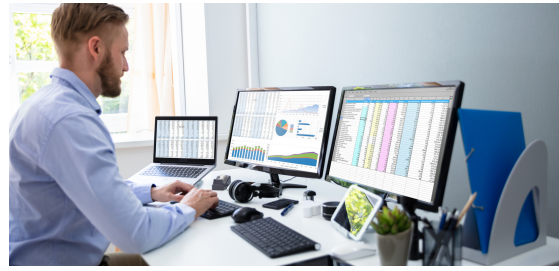
### Trainer

Prof. Dr Lim Tong Ming

# COURSE CONTENTS



- INTRODUCTION TO BIG DATA ANALYTICS AND PROGRAMMING
  - BIG DATA LANDSCAPE
  - V'S OF BIG DATA
  - BIG DATA CHARACTERISTICS AND DIMENSIONS OF SCALABILITY
  - TYPES OF DATA ANALYTICS
  - BIG DATA TOOLS FOR DATA ANALYTICS



- FOUNDATIONS FOR BIG DATA SYSTEMS AND HADOOP FRAMEWORK
  - HORTONWORKS, CLUDERA, MAPR
  - MAPREDUCE
  - INTRODUCTION TO SPARK, SPARKML AND SYSTEMML
  - DEMO MAPREDUCE, ML USING SPARKML AND SYSTEMML

## Introduce our Trainer

### Prof. Dr Lim Tong Ming

Prof. Dr. Lim Tong Ming has about 10 years of commercial software and close 20 years of academic experiences with two software companies and four universities respectively. Having many years of industry exposure, Prof Lim understands well the needs of the IT industry. His experience has allowed him to have deep understanding of industrial driven applied research projects.

Prof Lim's research areas span from object technologies on software engineering to databases, peer to peer technologies, knowledge sharing to social media analytics and social influence maximization. He has completed many grants where these grants are secured from FRGS, eScience, SKMM, MDec, Monash Internal grant, UTAR internal grant and Sunway Internal grant. Many master students under his supervision have graduated from Monash University, Universiti Tunku Abdul Rahman and Sunway University in the last 15 years.

Currently Prof Lim is the Director of the Centre for Business Incubation and Entrepreneurial Ventures (CBIEV) and Professor in the Faculty of Computing and Information technology (FOCS) in TAR University of Management and Technology (TAR UMT). He is a professional ACM member and am currently society affiliate member of IEEE association



## Contact Us



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# Introduction to Big Data Analytics and Hadoop

Venue: TAR UMT, Jalan Genting Kelang, Setapak, 53300 Kuala Lumpur

Date: 19 - 20 August 2023 (9.00 am - 5.00 pm)

## REGISTRATION FORM



CENTRE FOR CONTINUING & PROFESSIONAL EDUCATION

**Fees:**  Public RM 795.00 per participant (inclusive of 6% Service Tax)  TAR UMT Student/Alumni RM 636.00 per participant (inclusive of 6% Service Tax)

**The Manager**  
TARC Education Foundation (1033820M)  
Tunku Abdul Rahman University of Management and Technology (TAR UMT)  
TEL: 03-4145 0170

Email: training@tarc.edu.my

Dear Madam / Sir,

Please register the following participant(s) for the above programme: (To be completed in BLOCK LETTERS)

<b>1</b> Name :	IC No. :	Nationality :
<input type="text"/>	<input type="text"/>	<input type="text"/>
Email:	Mobile No. :	Designation :
<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>2</b> Name :	IC No. :	Nationality :
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Email:	Mobile No. :	Designation :
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(If space is insufficient, please attach a separate list)

### Disclaimer

Registration is on a first-come-first-served basis. All cancellations must be made in writing. Cancellation made 14 days or more in advance of the workshop date will receive full refund. Cancellations made thereafter will be subjected to a cancellation fee of 50% of the workshop fee. All fees are payable in the event of non-attendance of any registered participant(s) or the overall attendance falls below 75% of total workshop hours. Replacement(s) can be accepted at no additional cost if notified 24 hours prior to the commencement of the workshop. The Tunku Abdul Rahman University of Management and Technology reserves the right to change the speaker, reschedule or cancel the workshop and all efforts will be taken to inform participants of the changes.

We hereby confirmed that (please tick accordingly):

- We will be claiming under **HRD Corp Claimable Course** and full payment would be made to Tunku Abdul Rahman University of Management and Technology in the event that no disbursement from HRD Corp under any circumstances.
- We will **NOT BE CLAIMING** from HRD Corp. Payment will be made to account payee TAR UMT by cheque or bank transfer to Public Bank Account No. 3 1 8 1 5 6 4 1 1 3. Kindly submit your payment remittance to training@tarc.edu.my together with this registration form.

### Submitted by

Name :	Designation :	Department:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Email :	Telephone No. :	Mobile No. :
<input type="text"/>	<input type="text"/>	<input type="text"/>
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