

TTDT06 : Fundamental Data Science for Data Scientist using R

Description :

Instructor :



Training Date : วันที่ 24-26 กันยายน 2567

fee : 12,000 ฿ (ราคายังไม่รวม Vat 7%)

Days & Duration : 3 Day(s) | 18 Hour(s)

Time : 09:00:00 - 16:00:00

Language : Thai

Venue :

Type : Classroom

Category : AI & Data Technology

[Dr.Veerasak](#)[Krisanapraphan](#)[Senior Director](#)

Objectives :

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Target Group :

Data Scientist, BI Manager, Programmer ???? ????????????????????? Data Science

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- ??? Data Science for Business ??????

- ??? " Introduction to R Programming for Data Science " ??????

Benefits :

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4. ??? Data

Course Outline :

Day 1 :**1. Introduction**

- Introduction to Data Science
- What is Data Science?
- Discussion

2. Data Science Life Cycles

- A Strategy to Approach Any Data Analytics Problems
- Identify problems
- Identify Data Sources
- Identify Additional Data Sources
- Statistic Analysis
- Development and Implementation
- Communicating Result
- Maintenance
- Discussion

Day 2 :**3. Component Parts of Data Science and Engineering a Data Science Solution**

- Overview of Data Engineering and Big Data Technologies
- The Data Scientist's Toolbox – Languages, Platforms, Tools and Industry Solutions
- Discussion

4. Basic Data Science Methods and Machine Learning Fundamentals

- Regression
- Decision Tree
- K-Nearest Neighbor
- Naive Bayesian Classifier
- Association Rules
- Other advanced topics
- Discussion

5. Review R Programming

- R for Data Input and Output
- Data Frame
- Basic Operation/Function
- Discussion

Day 3 :

6. Getting and Cleaning Tidy using R

- Concept of Tidy Data
- Data preparation for Data Science
- Import and Export Data in Excel, CSV, XML, JSON
- Import and Export Data from Hadoop
- Discussion

7. Exploratory Data Analysis

- Statistic Summary
- Visualization using standard graphic and ggplot2
- Clustering data
- Discussion

8. Practical Machine Learning

- Predictive Analytics
- Classification Problems
- Association Rules Problems
- Big Data Problems
- Discussion

9. Wrap-up

Payment Condition :

Payment can be made by:

1. Cash or Credit Card or Bank Cheque payable to
[สำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ](#) or [National Science and Technology Development Agency](#)
(a post-dated cheque is not accepted) on the first day of the service or within the last day of the service.
2. Account transfer and send the proof of the payment (the deposit slip) via email xxx@swpark.or.th

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Saving Account Number: 080-0-00001-0
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- ธนาคารกรุงไทย สาขาลาดไทย
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Account Name: สำนักงานพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ

Notes:

- Withholding tax (3%) is exempt.
- Should you need to withdraw, you must send the notice of the withdrawal in writing no later than 7 working days before the commencement date. The cancellation less than 7 days will be subject to a fine of 40% of the fee.
- Software Park Thailand reserves the rights to cancel courses due to unforeseen circumstances.

Contact Person :

For more information, contact our course coordinator on:

Juntima Klumchaun

☎ : 02 583 9992 Ext. 81424

✉ : juntima@swpark.or.th

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You are encouraged to use the course schedule as a guide to plan your training. The schedule is accessible at www.swpark.or.th for more information.

