

**TECHNOLOGY & ENGINEERING SERIES**

# Data Analytics for Managers



This programme provides extends Data Analytics Begins with Me and dive into the use of powerful open source analytics tools such as R and Python, required and best practices in the setup of a data analytics infrastructure, hiring and building a data science team, including the setup of a Centre of Excellence for Analytics. The course concludes with an extensive hands-on on 12 most often used algorithms by a data scientist.

## DATE

**15 January 2018**

## DURATION

**1 Day; 9.00am to 5.30pm**

## VENUE

**National University of Singapore**

## FEE

**Singaporean & PR - S\$697.50**

**International Participant -  
S\$802.50**

## NOTE

- ◆ Fee for Singaporean & PR is after funding from e2i. Terms and Conditions apply. SkillsFuture Credit does not apply.
- ◆ NTUC members enjoy 50% of the unfunded programme fee support for up to \$250 each year for programmes supported under \*UTAP (Union Training Assistance Programme). Terms and Conditions apply. Please visit <http://skillsupgrade.ntuc.org.sg>.

**Registration will close 5 working  
days prior to programme  
commencement date**

**REGISTER NOW!**

## PROGRAMME OUTLINE

- ◆ Open source and Analytics
- ◆ Discussion on R and Python – the standard tools for open source analytics today
- ◆ Visualization and storytelling
- ◆ Data Analytics Infrastructure and Tools
- ◆ Data models deployment best practices
- ◆ The case for analytics in the cloud (public or on premise)
- ◆ Reproducible data science
- ◆ The data science team
- ◆ Data analytics project management and setup
- ◆ Discussion on setting up a Centre of Excellence for Analytics
- ◆ Privacy, Ethics and Biases in data science
- ◆ Hands-on: The Analytics Dozen

## WHO SHOULD ATTEND

Project Managers, IT Managers

## PRE-REQUISITES

The participant must have attended the 1-day NUS SCALE Data Analytics Begins with Me.

In addition, the participant should have an IT/software project development, architecture or management experience. An understanding of common IT software, databases, programming tools and environments is preferred.



+65 6601 8888



[scale.execed@nus.edu.sg](mailto:scale.execed@nus.edu.sg)



[scale.nus.edu.sg](http://scale.nus.edu.sg)

