

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

Wednesday, 30 August 2017
(full)

Monday, 04 September 2017

DURATION

1 Day; 9.00am to 5.30pm

VENUE

National University of Singapore

FEE

Singaporean & PR - S\$697.50

**International Participant -
S\$802.50**

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.

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.

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

REGISTER NOW!



+65 6601 8888



scale.execed@nus.edu.sg



scale.nus.edu.sg

