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
Thursday, 19 October 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

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.

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.