

**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

**18 April 2018**

**06 July 2018**

**15 October 2018**

## DURATION

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

## VENUE

**National University of Singapore**

**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.



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## FEES & FUNDING

	International Participants	Singapore Citizens <sup>1</sup>			Singapore PRs	Enhanced Training Support for SMEs <sup>4</sup>
		21 to 39 years old	40 years or older <sup>2</sup>	Eligible for WTS <sup>3</sup>	≥ 21 years old	
Full Programme Fee	S\$750.00	S\$750.00	S\$750.00	S\$750.00	S\$750.00	S\$750.00
Less: SSG Grant Amount	-	(S\$525.00)	(S\$525.00)	(S\$525.00)	(S\$525.00)	(S\$525.00)
Nett Programme Fee	S\$750.00	S\$225.00	S\$225.00	S\$225.00	S\$225.00	S\$225.00
7% GST on Nett Programme Fee	S\$52.50	S\$15.75	S\$15.75	S\$15.75	S\$15.75	S\$15.75
<b>Total Nett Programme Fee Payable, Including GST</b>	<b>S\$802.50</b>	<b>S\$240.75</b>	<b>S\$240.75</b>	<b>S\$240.75</b>	<b>S\$240.75</b>	<b>S\$240.75</b>
Less Additional Funding if Eligible Under Various Schemes	-	-	(S\$150.00)	(S\$187.50)	-	(S\$150.00)
<b>Total Nett Programme Fee Payable, Including GST, after additional funding from the various funding schemes</b>	<b>S\$802.50</b>	<b>S\$240.75</b>	<b>S\$90.75</b>	<b>S\$53.25</b>	<b>S\$240.75</b>	<b>S\$90.75</b>

<sup>1</sup> All self-sponsored Singaporeans aged 25 and above can use their \$500 SkillsFuture Credit to pay for the programme. Visit the SkillsFuture Credit website ([www.skillsfuture.sg/credit](http://www.skillsfuture.sg/credit)) to select the programme.

<sup>2</sup> Mid-Career Enhanced Subsidy - Singaporeans aged 40 and above may enjoy subsidies up to 90% of the programme fee.

<sup>3</sup> Workfare Training Support (WTS) - Singaporeans aged 35 and above (13 years and above for persons With disabilities) and earn not more than S\$2,000 per month, may enjoy subsidies up to 95% of the programme fee.

<sup>4</sup> Enhanced Training Support for SMEs (ETSS) - SME-sponsored employees (Singaporean Citizens and PRs) may enjoy subsidies up to 90% of the programme fee. For more information, visit [www.ssg.gov.sg/programmes-and-initiatives/training/enhanced-training-support-for-smes.html](http://www.ssg.gov.sg/programmes-and-initiatives/training/enhanced-training-support-for-smes.html).

<sup>5</sup> Eligible organisations (excluding government entities) may apply for the absentee payroll funding via SkillsConnect at [www.skillsconnect.gov.sg](http://www.skillsconnect.gov.sg) for Singaporean/permanent resident participants attending the programme during working hours. The absentee payroll funding is computed at 80% of hourly basic salary capped at \$4.50 per hour or \$7.50 per hour for SME or 95% of hourly basic salary for WTS. For more information, visit <https://www.skillsconnect.gov.sg/sop/portal/e-Services/For%20Employers/AbsenteePayroll.jsp>

