Data science is more than just algorithms. In order for your data analyses and reports to be credible and more readily accepted, a minimum standard is that your data analyses and reports to be reproducible; that the code and data is put together in a way that another team member or other groups that re-create all the results coming out of your analyses and reports. Data science reproducibility is now widely recognized to be a critical requirement but not as widely practiced.

In this programme, we will explore the general principles for reproducible data science as well as hands-on on the relevant tools and techniques for achieving reproducibility for your data projects.

**DATE**
- 24 November 2017 (full)
- 8 December 2017 (full)
- 19 January 2018 (full)
- 1 March 2018 (full)
- 23 April 2018

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

**VENUE**
National University of Singapore

**PROGRAMME OUTLINE**
- Reproducible Data Science 101
- Project and Data Organisation
- Scripting and Automating for Reproducibility
- Reproducible Reports and Enabling Collaboration

**WHO SHOULD ATTEND**
Data Engineers, Data Scientists, Data Analysts

**PRE-REQUISITES**
Familiarity with the command-line/shell, batch files/bash, Python and version control tool such as Git are recommended.

**REGISTRATION**
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
## FEES & FUNDING

<table>
<thead>
<tr>
<th></th>
<th>International Participants</th>
<th>Singapore Citizens¹</th>
<th>Singapore PRs</th>
<th>Enhanced Training Support for SMEs⁴</th>
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<tbody>
<tr>
<td><strong>Full Programme Fee</strong></td>
<td>S$850.00</td>
<td>S$850.00</td>
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<td><strong>Less: SSG Grant Amount</strong></td>
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<td>(S$595.00)</td>
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<td><strong>Nett Programme Fee</strong></td>
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<td><strong>7% GST on Nett Programme Fee</strong></td>
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<td><strong>Total nett Programme Fee Payable, Including GST</strong></td>
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<td>S$272.85</td>
<td>S$272.85</td>
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<td><strong>Less Additional Funding if Eligible Under Various Schemes</strong></td>
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<td>-</td>
<td>(S$170.00)</td>
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<td><strong>Total nett Programme Fee Payable, Including GST, after additional funding from the various funding schemes</strong></td>
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<td>S$272.85</td>
<td>S$102.85</td>
<td>S$272.85</td>
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</tbody>
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¹ 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) to select the programme.

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

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

⁴ 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.

⁵ Eligible organisations (excluding government entities) may apply for the absentee payroll funding via SkillsConnect at 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.