PwC Academy’s Virtual Learning Workshops

Data and Analytics Upskilling

How to automate processes and extract insights from data.
PwC Academy’s Virtual Learning Workshops

PwC’s Virtual Learning Workshops are designed to support today’s busy professionals to upskill conveniently.

Each Virtual Learning session is designed to be bite-sized and centred on a specific professional topic to provide you with concise knowledge and practical insights to support you at work. The Virtual Learning series are presented by the same team of PwC subject matter experts and practitioners who have extensive experience in delivering our virtual and face to face workshops, as well as advising clients.

New World, New Skills, New Ways.
How to automate processes and extract insights from data

Various tools have been developed to help people work faster and better. Yet, few have been exposed and know how it can change their ways of working. Attending this course will help you turn the possibilities of data and analytic tools into achievable outcomes. Applications range from streamlining internal operations to better understanding customer needs and industry trends.

Using a combination of theory, real examples and guided exercises, we will be guiding you on how to navigate tools such as Alteryx, Power BI and UiPath, which are fast becoming indispensable like email, Word and Excel.

This training program will enable participants to:
• Understand the significance of data and business intelligence
• Explore fast and efficient ways to prep, analyse and examine data
• Design dashboards to visualise data and derive insights
• Identify and automate complex business processes
Benefits for financial professionals

- Increase your ability to transform the organisation through automation and data-driven decision making
- Future-proof your workforce, by enabling them with data skills in Alteryx, Power BI and UiPath
- Learn to analyse and present data in a way that gets people engaged in your story and motivated to act.
- Learn how to identify and spot insights from visualised data, with a combination of various chart types
- Learn methods to automate data cleansing and aggregation for preparation of data analytics
- Learn how to write simple robotics process automation (RPA programs to automate business processes

Potential Benefits to Organisations

- Future-proof your workforce, by enabling them with data skills in Alteryx, Power BI and UiPath
- Boost employee morale and job satisfaction
- Increase in-house ability to transform the organisation
- Reduce staff attrition, and overall cost to replace employees
- Improve productivity and efficiency of business processes

Key messages from our 23rd Annual Global CEO Survey 2020 – Singapore Report

- To upskill or not to upskill, no longer the question
- Four key forces are driving the upskilling imperative:
  - Increasing job automation
  - Decreasing talent availability (Source: OECD)
  - Decreasing mobility of skilled labour
  - Ageing talent (Source: World Bank Group)
- Singapore businesses largely either ‘starting to make progress’ or ‘have made moderate progress’ in their upskilling drive
- Over 90% of respondents said they will take any opportunity given by their employers to better understand or use technology
- 85% of respondents said they are ready to learn new skills or completely re-train to improve their future employability
Course Outline

The workshop covers four topics over four consecutive days, with two hours each day. Where possible, we would share relevant use cases based on the participants’ industry and business function, subject to information provided at the point of registration.

Organisations who have a minimum of 10 participants can choose to email academy.sg@sg.pwc.com for us to conduct a session customised for your industry and business function.

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<thead>
<tr>
<th>Topic</th>
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<th>Day 2</th>
<th>Day 3</th>
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<tr>
<td>Overview and Significance of Digital and Data</td>
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<td>Overview of digital and data ecosystem</td>
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<td>Fundamentals of data &amp; analytics</td>
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<td>Overview of automation and visualisation tools</td>
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<td>Use case sharing</td>
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<td>Workflow Automation</td>
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<td>Principles of workflow automation</td>
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<td>Introduction to Alteryx platform and how it works</td>
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<td>Hands on exercise with Alteryx</td>
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<td>Quiz / Q&amp;A</td>
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<td>Data Visualisation</td>
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<td>Key concepts and design fundamentals for visualising data</td>
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<td>Introduction to Power BI and the right visualisation choices</td>
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<td>Hands-on demo of Power BI</td>
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<td>Robotics Process Automation</td>
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<td>Process automation: Why is plays a key role in digital transformation</td>
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<td>Introduction to RPA principles and UiPath</td>
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<td>Hands on exercise with UiPath</td>
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Our Experts

**Tan Ren Hao**  
Senior Manager, PwC Singapore

Ren Hao is a Senior Manager at PwC. He brings more than 9 years of experience in implementing Data & Analytics initiatives across different industries including Asset Wealth Management, Banking, Insurance. He has worked across Kuala Lumpur, London and Singapore, where he has observed differing challenges across organisations. This has provided him with experience in navigating differing maturity level to achieve success. Ren Hao is an experienced tutor, having conducted workshops and training for internal and external recipients, achieving consistent high-rating from participants. His highest tutoring achievement has been to be selected as one of the Top 15 Tutor in PwC UK nationally in 2017.

**Apurva Khare**  
Manager, PwC Singapore

Apurva is a manager at PwC Singapore, predominantly working on projects that involve all aspects of customer engagement, product development and communications, with an emphasis on utilizing data-driven insights to empower decision making, enhance usability and personalise users’ experiences. Apurva has over 8 years of experience across Singapore, Australia, UK and Malaysia, leading projects in product and dashboard development, digital transformation and service design across multiple industries such as high-growth fin-techs, telecommunications, banking, healthcare and government entities.

**Li Yonger**  
Assistant Manager, PwC Singapore

Yonger is an Assistant Manager in PwC’s Data & Analytics practice with professional experience in data analysis, technology, digital transformation and automation. As the Lead Trainer of PwC’s own “Digital Upskilling” program in Singapore, she is responsible for designing and extending the digital training agenda for the firm and for external organisations. She has personally trained over 300 PwC Singapore staff on automation and data-driven insights. She has also involved in designing and developing solution to automate the audit of over hundreds of funds for Asset Wealth Management practise.

* PwC reserves the right to change the appointed trainers at its own discretion.
What participants say about our workshop:

"Practical, life changing, useful"

“Future proof skills”

"Impressive, interesting and informative"

Who should sign-up?

Finance Managers, Supervisors, Accountants, Analysts, Procurement, Treasury, and Internal Auditors at a working level. Anyone who wants to learn how to work better and faster in the digital era with user-friendly tools.

How to sign-up?

Simply register online by selecting the preferred session via the link on PwC’s Academy webpage (https://www.pwc.com/sg/en/academy/academy-public-seminars.html) or fill in the registration form appended with this brochure.

For any further queries, please email academy.sg@sg.pwc.com
Registration form

Personal details
Name: Mr/Ms/Mdm _______________________________________

Designation: _______________________________ Contact No: __________________

Email: ______________________________________

Organisation sponsor
Name: Mr/Ms/Mdm _______________________________________

Designation: _______________________________ Contact No: __________________

Email: ______________________________________

Company: ______________________________________

Address: ____________________________________________________________________

Preferred payment mode
☐ Cheque    ☐ Bank transfer    ☐ Credit card (subject to administrative charges)

How did you know of this programme (you may choose more than 1):
☐ PwC’s Academy email newsletter    ☐ Referred by ____________________________

☐ Others: ___________________________________________________________________

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<th>Fees* (SGD)</th>
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<tr>
<td>Full Course Fees</td>
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<td>Non-Singapore citizens/ permanent residents</td>
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<td>Singapore citizens/ permanent residents from SMEs</td>
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<td>Singapore citizens/ permanent residents from non-SMEs</td>
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SMEs are defined in accordance with Enterprise Singapore’s definition of having been registered and operating in Singapore, having a minimum 30% local shareholding and having group annual sales turnover of not more than S$100 million or group employment size of not more than 200 employees. Group tracing includes all corporate shareholder(s) holding more than 50% of total shareholding of the company and any subsequent corporate parents and all subsidiaries of the company.
Registration and Payment

Registrations will only be confirmed upon receipt of payment and registration form. Please email the scanned copy of your registration form to academy.sg@sg.pwc.com and/or mail the registration form and payment to 7 Straits View, Marina One, East Tower, Level 12, Singapore 018936 (Attn: PwC's Academy).

For registration and enquiries, please email us at academy.sg@sg.pwc.com.

Note:
• Certificate of Attendance will be awarded on successful completion of the workshop.
• Continuing Professional Education (CPE) credits will be awarded upon successful completion of the workshop. Participants must have achieved at least 75% attendance and completed hands-on exercises in the course of the Workshop to apply for SkillsFuture Funding. Payable Course Fee can be offset using participant's SkillsFuture Credit. Employers may also obtain absentee payroll funding. Terms and conditions of SkillsFuture Singapore Agency applies.