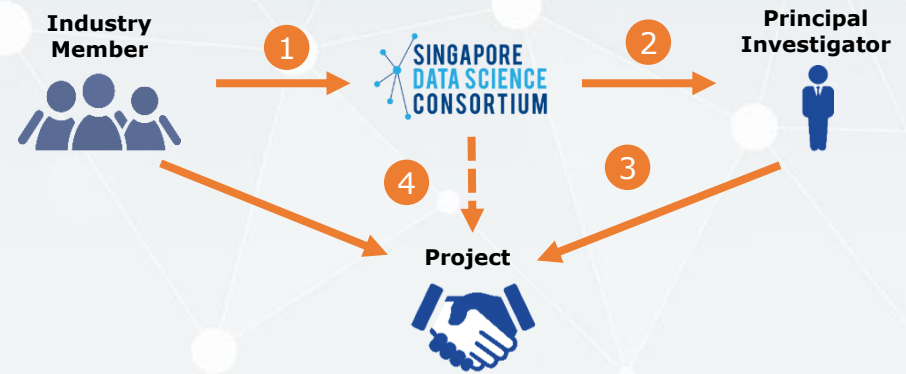




The National Research Foundation (NRF) Singapore, in collaboration with National University of Singapore (NUS), Nanyang Technological University (NTU), Singapore Management University (SMU) and Agency for Science, Technology and Research (A\*STAR), has set up the Singapore Data Science Consortium (SDSC), a national partnership that will deepen Singapore's existing strengths in data science and analytics.

Established in May 2017, the SDSC is envisioned as a platform on which industry consortium members can engage public research performers, with the objectives of partnership on innovative data science projects. It will train and synergise manpower in data science, collate valuable data for research and innovation purposes, and support companies to achieve Singapore's goal of becoming a Smart Nation.

## Industry Project Collaboration



- 1 The company comes to SDSC with a data science problem statement.
- 2 SDSC will assist the company to determine and/or shape its data science problem statement and identify a suitable Principal Investigator to work on the project.
- 3 Once a Principal Investigator (PI) has been identified to work on the project, both parties can jointly scope the project and develop an agreement which should include details such as non-disclosure agreement (NDA), timeline, amount payable, manpower and resources required, as well as deliverables. The Intellectual Property of the project can also be negotiated between the PI and company. The funds and resources for the scoped project will be managed by the PI. The PI will also be responsible for the completion of project deliverables that are specified in the agreement.
- 4 Depending on the value of the project, SDSC may provide manpower support as a form of in-kind contribution to the project.

## Membership Benefits



### PROJECT COLLABORATION

Leverage the Consortium's resources to collaborate on data science projects



### TRAINING COURSES

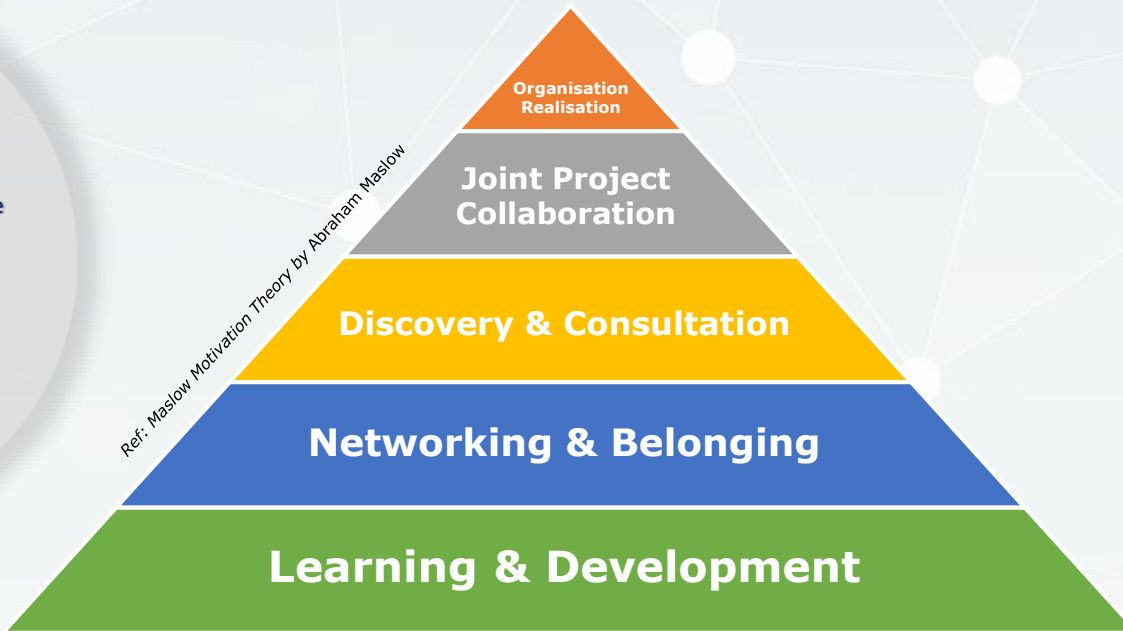
Send staff members to training courses conducted by the Consortium



### CONSULTATION

Engage in consultations with the Consortium's principal data scientists

Singapore-incorporated companies and public agencies with interest in developing data science capabilities are welcome to apply for Consortium membership to engage in a variety of activities, research and development opportunities in close interaction with Institutes of Higher Learning who are represented in the Consortium.



### LEARNING & DEVELOPMENT

- Send staff members to technical courses conducted by the Consortium
- Improve productivity
- Increase job satisfaction

### NETWORKING & BELONGING

- Attend knowledge and use cases sharing sessions organised by the Consortium
- Network with like-minded community
- Leverage the strengths of one another

### DISCOVERY & CONSULTATION

- Tap on the data science expertise within SDSC for consultation
- Identify data science problem statement
- Engage the Institutes of Higher Learning
- Gain access to the latest data science methodology

### JOINT PROJECT COLLABORATION

- Explore joint funding to achieve greater data science capabilities
- Engage in collaboration between the industry and public research performers
- Tap into the latest data science intervention and practice
- Address real-world issues and solve practical problems using the outcome of applied research

### ORGANISATION REALISATION

- Result in a spin-off as a Data Analytics Centre of Excellence within the organisation
- Equip with the ability to drive value using data science and continue to work through a data science roadmap
- Achieve independence

## SDSC Activities



TRAINING COURSE



WORKSHOP



DEMO DAY

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