

# **INDUSTRY 4.0 AND THE FUTURE OF ARTIFICIAL INTELLIGENCE AND BIG DATA ANALYTICS**

**09 TO 13 FEBRUARY 2026**

Sponsored by the

**SINGAPORE COOPERATION PROGRAMME**

under the

**SINGAPORE COOPERATION PROGRAMME TRAINING AWARD**

to be conducted by

**NATIONAL UNIVERSITY OF SINGAPORE, NUS-ISS**

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## **Singapore Cooperation Programme**

Singapore has provided technical assistance to other developing countries since the 1960s. As a country whose only resource is its people, Singapore believes that human resource development is vital for economic and social progress. Singapore itself has benefited from training provided by other countries and international organisations.

In 1992, the Singapore Cooperation Programme (SCP) was established to bring together under one framework the various technical assistance programmes offered by Singapore. Through the SCP, the range and number of training programmes were increased to share Singapore's development experience with other developing countries.

To date, over 160,000 officials from more than 180 countries, territories, and intergovernmental organisations have participated in our courses and study visits. The SCP is managed by the Technical Cooperation Directorate of the Ministry of Foreign Affairs, Singapore.

## **NUS-ISS**

Set up in 1981, NUS-ISS provides practice-based IT graduate education and professional development programmes to develop infocomm leaders and drive business and organisation innovation. It offers training, consulting and applied research services to organisations with a need for expertise in advanced software design and development; business analytics; artificial intelligence; IoT and robotics; cybersecurity; product and project management; digital innovation and design; digital agility; digital strategy, leadership and governance; and digital government leadership, planning and implementation.

In Singapore, NUS-ISS is the Operations Partner for the Government Technology Agency of Singapore (GovTech) Digital Academy. The Academy aims to groom future-ready digital leaders to be well-versed in the technology ecosystem to accelerate the public sector's digital transformation.

## Course Objectives

This course will explore the convergence of Industry 4.0 concepts and Artificial Intelligence. It will also provide insights on various aspects of Industry 4.0 concepts, including how AI can be used to provide better and timely insights to data.

## Synopsis

Topics to be covered include:

- An overview on data and analytics process and life cycle;
- Industry 4.0 concepts and how it applies to digital economy, supply chain and digital government;
- Artificial intelligence concepts and its applications;
- Business analytics framework and process; and
- Introduction to business analytics projects.

## Methodology

The course will be conducted in-person in Singapore and in a variety of formats which may include, but are not limited to, seminar-style sharing sessions, site visits and group discussions.

## Course Duration and Venue

The course will be held over five (5) days from **09 to 13 February 2026** in Singapore.

## Application Information

Applicants should be:

- Mid- to senior-level government officials who are involved in policymaking pertaining to industry and workforce development;
- Nominated by their respective governments;
- Proficient in written and spoken English; and
- In good health.

## Terms of Award

The course is sponsored by the Government of Singapore under the Singapore Cooperation Programme Training Award.

Under this programme arrangement, the Government of Singapore will bear the following expenses for the successful applicants (thereafter

known as participants) during their training in Singapore. These expenses include:

- Course fees;
- Visa application fees for entry into Singapore [Note: participants are responsible for their own transit visas (if any)];
- Hotel accommodation for the entire duration of the course. Complimentary breakfast is provided in the hotel from the first day of the course to one day after the course;
- Per diem of One Hundred and Thirty Singapore Dollars (S\$130) in cash from the first day to the last day of the course. A proportionate reduction in the per diem will be made if you are unable to attend the full duration of the course;
- Transportation between hotel and training venue; and
- Basic insurance coverage (Group Hospitalisation and Surgical; Group Personal Accident) for participants during their stay in Singapore, in accordance with the policy of a local insurance company.

### Note:

- The nominating government will be responsible for its participants' round-trip airfares. Applicants are encouraged to verify the availability of funding for their round-trip airfares with their respective nominating government;
- Participants are to bear all expenses prior to receiving the per diem; and
- As the basic insurance coverage does not cover any pre-existing conditions/illnesses and/or any outpatient medical/dental treatment, participants are strongly advised to purchase comprehensive travel insurance which includes adequate coverage of COVID-19 related expenses and medical evacuation in the event of any unexpected emergencies.

## Regulations

Participants are required to comply with the following:

- For entry into Singapore, participants are required to adhere to the latest travel and health requirements/advisories as indicated at [www.ica.gov.sg/enter-transit-depart](http://www.ica.gov.sg/enter-transit-depart);
- Strictly observe the course schedule and attend all training sessions; and

- Carry out instructions and abide by conditions as may be stipulated by the nominating authority or government and the Government of Singapore and its appointed trainer, with respect to the course.

## Application Procedure

(Closing date for nomination: **12 December 2025**)

The Government of Singapore is pleased to invite the respective National Focal Points for Technical Assistance (NFP) to nominate **one (1)** suitable applicant(s). Selection of candidates will be based on merit. Should there be more applicants than training places, the Government of Singapore seeks the understanding of the respective NFPs in the event that its nominee(s) is not selected.

All nominees are to submit their applications online at <https://go.gov.sg/industry40> by **12 December 2025**. NFPs are also required to endorse nominees via email links. Instructions and FAQs for Applicants and NFPs can be found at the links below:

- Applicants: <https://go.gov.sg/start-guide>
- NFPs: <https://go.gov.sg/start-nfp>

### **Note:**

- Participants will receive a certificate of completion from the SCP upon completion of the course.
- Please refrain from making telephone and email inquiries on the status of your application while your application is being processed.
- The Ministry of Foreign Affairs, Singapore will inform all applicants of the outcome of their applications. The NFP will also be informed directly. Flight arrangements should be made only upon receipt of the Letter of Acceptance to the course.

### **Follow us at:**

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