

DIGITAL ECONOMY: BIG DATA AND ANALYTICS

26 TO 30 OCTOBER 2020

Sponsored by the

SINGAPORE COOPERATION PROGRAMME

under the

SINGAPORE COOPERATION PROGRAMME TRAINING AWARD

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 131,000 officials from more than 170 countries and territories have participated in our courses and study visits. The SCP is managed by the Technical Cooperation Directorate of the Ministry of Foreign Affairs, Singapore.

Course Objectives

Big Data and Analytics enhances policymakers' ability at horizon scanning and detecting emerging trends. This allows for quick and timely responses to developments in the economy. The course presents an overview of Big Data concepts and a deeper understanding of applications for process mining to improve decision-making and performance.

Synopsis

Topics to be covered include:

- Big Data concepts
- Data and process mining concepts
- Economic surveillance through the use of Big Data
- Future market trends in Big Data analytics
- Singapore's experience in utilising Big Data

Methodology

This course will be delivered for up to 25 participants through a 'blended' virtual classroom comprising a combination of *asynchronous e-Learning* (independent and self-study of online modules on a web-based *Learning Management System*) and *synchronous e-Learning* ('live' e-learning sessions). There will be Q&A sessions and facilitated group discussions during the 'live' sessions.

Regulations

Participants are required to comply with the following:

- Strictly observe course schedules and not miss 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.

Duration

The course will be held over 5 days from **26 to 30 October 2020**.

More details on the timing of the synchronous and asynchronous sessions, including programme schedule will be provided to successful applicants closer to the start of course.

Application Information

Applicants should be:

- Mid- to senior-level officials who use Big Data and oversee planning and coordination across government sectors;
- Able to attend all the synchronous e-learning sessions. They will require an internet-enabled device with Zoom installed, and an internet-enabled device with functioning webcam, microphone and audio.
- Nominated by their respective Governments;
- Proficient in written and spoken English; and
- In good health.

Terms of Award

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

Application Procedure

(Closing date for nomination: **12 October 2020**)

The Government of Singapore is pleased to invite the respective National Focal Point for Technical

Assistance (NFP) to nominate **one (1)** suitable applicant. 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 NFP in the event that its nominee(s) is not selected.

All nominees are to submit their applications online at <https://go.gov.sg/mfa-digital-economy-2020> by **Monday, 12 October 2020**. 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 who complete all course assignments and attend at least 80% of 'live' e-learning sessions, will receive a certificate of completion from the SCP.
- Applicants should refrain from making telephone and email inquiries on the status of their applications.
- The Ministry of Foreign Affairs, Singapore will inform all applicants of the outcome of their applications. The NFP will also be informed directly.



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