

United Nations Statistical Commission

Fifty-third session

Item 3 (u) of the provisional agenda

Items for discussion and decision: big data

Document E/CN.3/2022/25 – Report of the Committee of Experts on Big Data and Data Science for Official Statistics

Statement provided by:

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Statement:

- (a) Malaysia acknowledges the progress of the Committee of Experts on Big Data and Data Science for Official Statistics and continues to support its plan to strengthen and expand further the practice of integrating Big Data and Data Science into Official Statistics.
- (b) Malaysia has embarked on a Big Data analytic project, namely Statistics Big Data Analytics (STATSBDA), to produce more reliable and timely official statistics. Three modules have been developed in the STATSBDA project, including structured and unstructured data. The three modules, namely Trade by Enterprise Characteristics (TEC), Price Intelligence (PI), Public Maturity Assessment on Official Statistics (PMAOS). This step was taken to initiate change in the generic business process from conventional data collection, compilation, analysis and dissemination methods to a more comprehensive modern method of producing new indicators and insights for official statistical production. Meanwhile, DOSM continues exploring Big Data and Data Science projects, related to the informal sector, labour market, social security, etc.
- (c) Malaysia has also informed the Malaysian government of its intention to establish the National Big Data Analytics Centre (NBDAC) under the purview of DOSM. The Chief Data Scientist will lead the NDBAC, supported by multi-disciplinary professionals across various government agencies.
- (d) Malaysia believes that the recognition and appreciation of the talent of its personnel will be a motivator and inspire them to continue to deliver quality services. In 2018, DOSM took a great leap by emerging as the world's first government agency to have its personnel certified data scientists collaborating with SAS Institute. To date, DOSM has produced 19 SAS-certified data scientists. Data science has been made a part of the Statistical Competencies Development Programme curriculum since introducing the programme for the recruitment of new Statisticians in 2018. As the lead country for the ASEANStats Big Data Pilot Project, DOSM and BPS Indonesia had conducted three workshops relating to Big Data between April and July 2021.
- (e) Malaysia always upholds the spirit of sharing experiences to assist regional neighbours in big data and data science. Following the endorsement of the Concept Note on the ASEAN Community Statistical System (ACSS) Initiative of Big Data for Enhancing Official Statistics in December 2020, ACSS agreed to implement a big data utilisation pilot project in

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2022/2023. DOSM will be assisting Laos PDR in implementing their ACSS big data pilot project on price statistics.

(f) Making connections with global statistical community experts, DOSM is also willing to share experiences on the use of big data, specifically on the projects that have been successfully executed relating to web scraping and building visualisation dashboards.

Submitted on:

2/24/2022