

India's Role in Shaping Global Big Data Standards

In a significant milestone, India has joined the prestigious UN Committee of Experts on Big Data and Data Science for Official Statistics. The UN Committee of Experts on Big Data and Data Science for official statistics (UN-CEBD) was created to further investigate the benefits and challenges of Big Data, including the potential for monitoring and reporting on the sustainable development goals.

A Significant Inclusion

The inclusion in this expert committee comes at a pivotal time, as India recently assumed membership of the United Nations Statistical Council after a significant gap. India's inclusion in the Committee of Experts represents a significant leap forward for the country's statistical ecosystem. As part of the committee, India will contribute to shaping global standards and practices in harnessing big data and data science for official statistical purposes. This milestone underscores India's growing stature in the global statistical community and highlights its commitment to leveraging data and technology for informed decision-making.

Highlighting the Pioneering Initiatives

India's active engagement in the Committee of Experts will highlight its pioneering initiatives, including the establishment of the **Data Innovation Lab** and exploration of **alternate data sources** such as satellite imagery and machine learning for policy making. The opportunity to contribute at this global forum positions India as a major player in this area. Membership in

the Committee of Experts is a strategic opportunity for India to align its domestic advancements in big data and data science with international goals, showcasing the country's capability to lead transformative initiatives in the data domain. Big data and advanced data science techniques have the potential to revolutionize the production and dissemination of official statistics. By integrating non-traditional data sources such as IoT, satellite imagery, and private sector data streams, India aims to modernize its statistical processes, enhance the accuracy of estimates, and enable the timely availability of critical data for policy formulation and governance.

Additional Advantages of the Engagement

This engagement will also complement India's ongoing efforts to:

- **Streamline Statistical Production:** Drive innovation in data collection, processing, and analysis to reduce the time lag in data availability.
- **Improve Decision-Making:** Provide policymakers with real-time insights for evidence-based decisions, addressing key socio-economic challenges.
- **Foster International Collaboration:** Share India's expertise while learning from global best practices to create robust, future-ready statistical frameworks.

India's joining the Committee of Experts on Big Data and Data Science for Official Statistics is a step toward revolutionizing statistical production and dissemination, ultimately contributing to a more resilient and data-informed world. This recognition will strengthen India's ability to



influence global statistical practices, reinforcing its commitment to data-driven progress and sustainable development.

Reference

Press Information Bureau: [India Joins the UN Committee](#)

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