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| The International Teleocmmunication Union - Connecting the World. | **الاتحـاد الدولـي للاتصـالات**  **مكتب تقييس الاتصالات** |

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|  |  | جنيف، 7 ديسمبر 2023 |
| **المرجع:** | **الرسالة المعممة 159 لمكتب تقييس الاتصالات SG13/TK** | **إلى:**  - إدارات الدول الأعضاء في الاتحاد  **نسخة إلى:**  - أعضاء قطاع تقييس الاتصالات بالاتحاد؛  - المنتسبين إلى لجنة الدراسات 13 لقطاع تقييس الاتصالات؛  - الهيئات الأكاديمية المنضمة إلى الاتحاد؛  - رؤساء لجان الدراسات ونوابهم؛  - مدير مكتب تنمية الاتصالات؛  - مدير مكتب الاتصالات الراديوية |
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| **البريد الإلكتروني:** | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) |
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| **الموضوع:** | **استبيان بشأن متطلبات وإطار الاستفادة من تكنولوجيات البيانات الضخمة/الذكاء الاصطناعي في البلدان النامية** | |

حضرات السادة والسيدات،

تحية طيبة وبعد،

وافقت لجنة الدراسات 13 لقطاع تقييس الاتصالات (*شبكات المستقبل وتكنولوجيات الشبكات الناشئة*) في اجتماعها الأخير (جنيف، 23 أكتوبر - 3 نوفمبر 2023) على نشر الاستبيان *بشأن متطلبات وإطار استغلال الاستفادة من تكنولوجيات البيانات الضخمة/الذكاء الاصطناعي في البلدان النامية*. ويستهدف هذا الاستبيان الأعضاء من البلدان النامية.

وتضطلع لجنة الدراسات 13، في إطار المسألة 13/5 (*تطبيق شبكات المستقبل والابتكار في البلدان النامية*)، بإعداد توصية *بشأن متطلبات وإطار استغلال الاستفادة من تكنولوجيات البيانات الضخمة/الذكاء الاصطناعي في البلدان النامية*. وسيدعم تحليل نتائج الردود على الاستقصاء العمل في إطار المسألة 13/5 بشأن التوصية المذكورة أعلاه.

وأدعوكم إلى المشاركة في هذا الاستقصاء وسأكون ممتناً لو استكملتم الاستبيان الوارد في **الملحق 1** في موعد أقصاه **2 فبراير 2024**. ومع ذلك، يرجى ملاحظة أنه لتحقيق كفاءة أكبر في جمع الردود وتحليلها، نرجو استعمال النسخة الإلكترونية التالية من الاستبيان: [https://www.research.net/r/Big-Data-AI-Tech](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.research.net%2Fr%2FBig-Data-AI-Tech&data=05%7C01%7Ctsbsg13%40itu.int%7C14f59472bdc14eeab8ea08dbf66ccbb0%7C23e464d704e64b87913c24bd89219fd3%7C0%7C0%7C638374719372190325%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=DRtSdE2svu1cQ9Kxa9JNlXM0rwDroAxB01PkMdD3uWw%3D&reserved=0). ويمكن استعمال الاستمارة الواردة في الملحق 1 في حالة وجود صعوبات في استعمال النسخة الإلكترونية.

وأود أن أشكركم مقدَّماً على مشاركتكم في هذا الاستقصاء. ونعرب لكم عن تقديرنا لآرائكم.

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| وتفضلوا بقبول فائق التقدير والاحترام.  *(توقيع)*  سيزو أونوي مدير مكتب تقييس الاتصالات | A qr code with a black and white background  Description automatically generated |

**الملحقات:** 1

**ANNEX 1  
Questionnaire on Requirements and Framework for the exploitation of Big Data/Artificial Intelligence technologies in developing countries**

Responder’s information

|  |  |
| --- | --- |
| Country: |  |
| Sector: |  |
| Organization: |  |
| Name: |  |
| Telephone: |  |
| E-Mail: |  |

*Topic*: **Draft new Recommendation ITU-T Y.expBDtech-frame “Requirements and Framework for the exploitation of Big Data/Artificial Intelligence technologies in developing countries”**

*Purpose*: Use the contribution of developing countries to collect useful data on advances in industrialization-oriented applications of artificial intelligence to justify the need to establish requirements and framework for exploitation of Big Data/Artificial Intelligence technologies in developing countries.

*Instructions*: multiple choice questions – just tick the answers that apply to you.

***Part 1: Questions relating to demographic factors***

**Question 1.1:** In your opinion, which gender in your country is more interested in Big Data and Artificial Intelligence technologies? (Please choose only one.)

Male

Female

**Question 1.2:** What age group in your country shows more interest in implementing Artificial Intelligence and exploiting Big Data? (Please choose only one.)

Less than 29 years old;

30 to 44 years old;

45 to 59 years old;

60 to 74 years old;

More than 75 years old.

**Question 1.3**: Which actor(s) in your country are most likely to finance a national strategy for Artificial Intelligence/Big Data? (Please select as appropriate.)

The government;

The regulator;

The private sector;

Civil society;

Other (please specify):………………………………………………

**Question 1.4:** Which actor(s) in your country are most likely to finance initiatives to implement Artificial Intelligence and exploit Big Data? (Please select as appropriate.)

The government;

Universities and/or research institutions

The private sector;

Civil society;

Other (please specify):………………………………………………

**Question 1.5:** In your country, who is/are responsible for building data centers for the purpose of storing, hosting and securing data? (Please select as appropriate.)

The government;

The private sector;

Civil society;

Non-governmental organizations;

Other (please specify):………………………………………………

**Question 1.6**: In your country, what initiatives have been taken by the Government to implement Artificial Intelligence or exploit Big Data? (Please select as appropriate.)

Scientific Research;

Capacity building of qualified people in the field of Big Data/Artificial Intelligence;

Industrialization of Big Data/Artificial Intelligence technologies;

Ethical standards in Big Data/Artificial Intelligence;

Other (please specify):………………………………………………

***Part 2: Questions relating to the subject of the study***

**2.1 The interest of the State**

**Question 2.1.1**: In your country, is the Government putting in place strategies and initiatives to help growth sectors of economy such as agriculture in particular? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.1.2**: Is the Government of your country considering or implementing ICT strategies and initiatives to boost growth sectors of economy such as agriculture, health, tourism, etc.? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.1.3:** Is the Government considering/implementing specific strategies or initiatives in Big Data/Artificial Intelligence in growth sectors of economy such as agriculture, health, tourism, etc.? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

***2.2. The existence and daily use of data centers***

**Question 2.2.1**: Have data centers allowed public administrations and the private sector to store their data locally? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.2.2**: Do agricultural companies that use ICT tools (applications and information systems) to improve their economic return, save their data in national data centers? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.2.3:** Can the data generated by the ICT tools of agricultural companies be used to be processed and analyzed using BigData/Artificial Intelligence technologies in order to prevent situations of national food shortages? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

***2.3. Current status of the legal and regulatory framework***

**Question 2.3.1**: Is there a national legal and regulatory framework for the development of ICTs or innovation in your country? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.3.2**: Is there a specific and national legal and regulatory framework for Artificial Intelligence or Big Data? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.3.3**: Will the national strategy for Big Data or artificial intelligence equip the regulator and the private sector to effectively use these technologies to serve citizens? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

***2.4. State confidence in the usefulness of Big Data/Artificial Intelligence technologies***

**Question 2.4.1**: Does the State grant specific financial and technical resources to companies operating in Big Data/Artificial Intelligence? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.4.2**: Does the State finance training in Big Data and/or Artificial Intelligence? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.4.3**: Does the State fund universities and research institutions in the context of Big Data and/or Artificial Intelligence? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

*Thank you for your active participation in this survey!*

If you have questions, please, contact us at [tsbsg13@itu.int](mailto:tsbsg13@itu.int).

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