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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 الاتصالاتSG13/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 |
| **الهاتف:** | +41 22 730 5126 |
| **الفاكس:** | +41 22 730 5853 |
| **البريد الإلكتروني:** | 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 أونويمدير 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.

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