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| The International Teleocmmunication Union - Connecting the World. | **国 际 电 信 联 盟****电信标准化局** |  |
|  | 2023年12月7日，日内瓦 |
| **文号：** | **电信标准化局159号通函****SG13/TK** | **致：**- 国际电联各成员国主管部门**抄送：**- ITU-T部门成员；- ITU-T第13研究组部门准成员；- 国际电联学术成员；- 各研究组正副主席；- 电信发展局主任；- 无线电通信局主任 |
| **电话：** | +41 22 730 5126 |
| **传真：****电子邮件：** | +41 22 730 5853tsbsg13@itu.int |
| **事由：** | **关于发展中国家利用大数据/人工智能技术的要求和框架的调查问卷** |

尊敬的先生/女士：

ITU-T第13研究组（未来网络和新兴网络技术）在其上一次会议（2023年10月23 – 11月3日，日内瓦）上一致同意发出关于发展中国家利用大数据/人工智能技术的要求和框架的调查问卷。

第13研究组第5/13号课题（在发展中国家应用未来网络和创新）正在编写关于发展中国家利用大数据/人工智能技术的要求和框架的建议书。对调查回复结果的分析，将为第5/13号课题上述建议书的工作提供支持。

我谨邀请贵方参加本次调查。如贵方能于2024年2月2日前填妥本函**附件1**中的调查问卷，我将不胜感激。然而，请注意，为了更有效地整合和分析问卷回复，我们要求使用此在线调查问卷：[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)。如果使用线上问卷有困难，可以使用附件1中问卷。

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| 顺致敬意！（原件已签）电信标准化局主任尾上诚藏**附件:** 1 | A qr code with a black and white background  Description automatically generated |

我谨在此对贵方参与调查预致感谢。我们非常珍视您的宝贵意见。

**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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