

Proposed Supplement Questions

1. In the last six months, please indicate the Artificial Intelligence technologies and applications this business used: [Select all that apply]

- | | | |
|-------------------------------|----------------------------|-------------------------------|
| • Natural language processing | • Machine learning | • Neural networks |
| • Robotics process automation | • Machine/computer vision | • Virtual agents or chat bots |
| • Augmented reality | • Speech/voice recognition | • Large language models |
| • Decision management systems | • Expert systems | • Image/pattern recognition |
| • Recommendation systems | • Text analytics | • Marketing automation |
| • Biometrics | • Deep learning | • Data Analytics |
| • Other | | |

2. In the last six months, how did this business use Artificial Intelligence in relation to labor and equipment? [Select all that apply]

- To automate and replace operations or tasks performed by labor
- To support and complement, but not replace, operations or tasks performed by labor
- To automate and replace operations or tasks performed by existing equipment
- To support and complement, but not replace, operations or tasks performed by existing equipment

3. **[If 4a is checked]** In the last six months, to what extent did this business use Artificial Intelligence to automate and replace operations or tasks performed by labor?

- Limited automation: a small number of operations or tasks performed by labor were automated
- Moderate automation: a moderate number of operations or tasks performed by labor were automated
- High automation: a large number of operations or tasks performed by labor were automated

4. In the last six months, how did the use of Artificial Intelligence affect total employment in this business?

- Increased employment
- Decreased employment
- Did not change employment

5. In the last six months, what changes were implemented in this business to integrate and use Artificial Intelligence? [Select all that apply]

- a. Hired staff trained in Artificial Intelligence
- b. Changed data collection and data management practices
- c. Purchased computing power or specialized equipment
- d. Purchased cloud services and storage
- e. Developed new workflows
- f. Used vendors or consulting services to install or integrate Artificial Intelligence
- g. No changes
- h. Other

6. **[If yes to CORE question 2]** During the next six months, please indicate the Artificial Intelligence technologies and applications this business will use: [Select all that apply]

- | | | |
|-------------------------------|----------------------------|-------------------------------|
| • Natural language processing | • Machine learning | • Neural networks |
| • Robotics process automation | • Machine/computer vision | • Virtual agents or chat bots |
| • Augmented reality | • Speech/voice recognition | • Large language models |
| • Decision management systems | • Expert systems | • Image/pattern recognition |
| • Recommendation systems | • Text analytics | • Marketing automation |
| • Biometrics | • Deep learning | • Data Analytics |
| • Other | | |

[If no to CORE question 1 and yes to CORE question 2:](#)

3. During the next six months, please indicate the Artificial Intelligence technologies and applications this business plans to use: [Select all that apply]

- Natural language processing
- Robotics process automation
- Augmented reality
- Decision management systems
- Recommendation systems
- Biometrics
- Other
- Machine learning
- Machine/computer vision
- Speech/voice recognition
- Expert systems
- Text analytics
- Deep learning
- Neural networks
- Virtual agents or chat bots
- Large language models
- Image/pattern recognition
- Marketing automation
- Data Analytics

4. During the next six months, how does this business plan to use Artificial Intelligence in relation to labor and equipment? [Select all that apply]
 - a. To automate and replace operations or tasks performed by labor
 - b. To support and complement, but not replace, operations or tasks performed by labor
 - c. To automate and replace operations or tasks performed by exiting equipment
 - d. To support and complement, but not replace, operations or tasks performed by existing equipment

5. During the next six months, how will the planned use of Artificial intelligence affect total employment in this business?
 - a. Increase employment
 - b. Decrease employment
 - c. Not change employment

6. [If 4a is checked] During the next six months, to what extent does this business plan to use Artificial Intelligence to automate and replace operations or tasks performed by labor?
 - a. Limited automation: a small number of operations or tasks performed by labor will be automated
 - b. Moderate automation: a moderate number of operations or tasks performed by labor will be automated
 - c. High automation: a large number of operations or tasks performed by labor will be automated

7. During the next six months, what changes are planned in this business to integrate and use Artificial Intelligence? [Select all that apply]
 - a. Hire staff trained in Artificial Intelligence

- b. Change data collection and data management practices
- c. Purchase computing power or specialized equipment
- d. Purchase cloud services and storage
- e. Develop new workflows
- f. Use vendors or consulting services to install or integrate Artificial Intelligence
- g. No changes
- h. Other

[If no to CORE question 1 and no to CORE question 2:](#)

3. Why does this business not use or plan to use Artificial Intelligence? [Select all that apply]

- a. This technology not applicable to this business
- b. Lack of skilled workforce
- c. Lack of required data
- d. Lack of knowledge on capabilities of this technology
- e. This technology is too expensive
- f. This technology is not mature
- g. Laws and regulations prevent or restrict use of this technology
- h. Other