

One of The Institute's **worksheets** series, to help you improve your leadership skills and capability, making you a better leader

This worksheet, based on the Spotlight 'Artificial Intelligence – Introduction,' will help you focus on the impact of Artificial Intelligence and the implications of this for effective leadership.

You should take approximately **two hours** to complete this worksheet and read the accompanying Spotlight

## What is Artificial Intelligence?

There is no widely accepted definition of 'Artificial Intelligence' (AI), although all agree that AI is a technology that can replicate human intelligence over a range of activities.

Use the words provided below to create your own definition of Artificial Intelligence:



The House of Lords Select Committee on Artificial Intelligence (2018)\* suggests that 'Many jobs will be enhanced by AI, many will disappear and many new, as yet unknown jobs, will be created'\*

Looking at your organisation or industry, how do you think AI will impact on jobs in the future?

| Jobs that will be enhanced | Jobs that may disappear | Jobs that may be created |
|----------------------------|-------------------------|--------------------------|
|                            |                         |                          |

## Implications for Leadership

Use the table on the next page to select TRUE or FALSE for each statement and explain the reasons for your choice.



# Worksheet

## Future Readiness: Artificial Intelligence – Introduction

|   | True or False | Why? |
|---|---------------|------|
| Soft skills will not be as important in organisations where AI is embedded  |               |      |
| Leaders do not need to adapt their style to take account of the constantly increasing pace of technology                                      |               |      |
| Being authentic in deeds, actions and behaviour when relating to other humans will be even more important in the fourth industrial revolution |               |      |
| AI systems require limited human intervention   |               |      |
| Leaders must be clear as to why new technologies will be embedded and how they will contribute to the organisation's goals                    |               |      |

Identify three barriers to adopting Artificial Intelligence and explain how they might be overcome:

| Barrier          | Barrier          | Barrier          |
|------------------|------------------|------------------|
|                  |                  |                  |
| How to overcome? | How to overcome? | How to overcome? |
|                  |                  |                  |

Unscramble the letters below to identify eight elements that are crucial to effective implementation of AI:

|                |           |                       |             |
|----------------|-----------|-----------------------|-------------|
| hate pym       | anne girl | replicated sheilah    | icy tour us |
|                |           |                       |             |
| a pitiably tad | git i lay | adeline hath pictures | lyhiumit    |
|                |           |                       |             |

**Review** Write a tweet to explain the key attributes leaders need to demonstrate as AI becomes embedded in the organisation: