



Institute
and Faculty
of Actuaries

Artificial Intelligence and the Future of the Actuarial Profession

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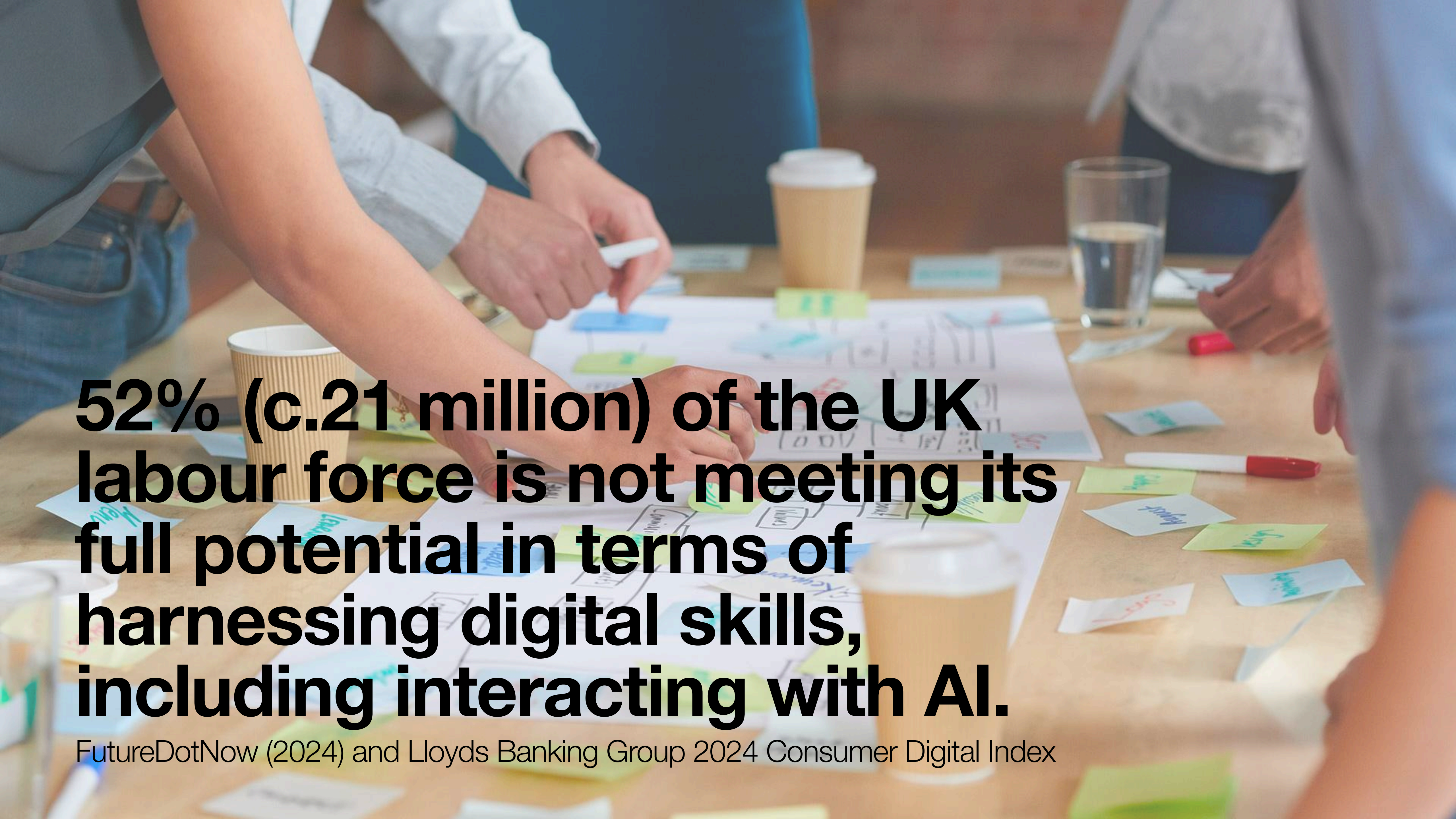




80% of 2030's workforce are already in employment


Industrial Strategy Council (2019), UK Skills Mismatch 2030 Report





52% (c.21 million) of the UK labour force is not meeting its full potential in terms of harnessing digital skills, including interacting with AI.

FutureDotNow (2024) and Lloyds Banking Group 2024 Consumer Digital Index

A photograph of three people (two women and one man) sitting around a wooden table in a modern, casual office or co-working space. They are all smiling and looking at laptops. The woman on the left is wearing a white long-sleeved top. The woman in the middle has long dark hair and is wearing a brown cardigan. The man on the right is wearing glasses, a red shirt, and a denim jacket. There are two Samsung laptops on the table, one of which displays the Unsplash website. A glass of water with a lemon slice and a brown leather folder are also on the table. The background features a dark, textured wall and some indoor plants.

70% of 1.5 million roles at risk of automation are held by women

Office for National Statistics, 2019

CODE OF ETHICAL BEHAVIOR



∞

**DAYS WITHOUT
DISCRIMINATORY AI**



The
Alan Turing
Institute

ROYAL
STATISTICAL
SOCIETY
DATA | EVIDENCE | DECISIONS

BCS
The
Chartered
Institute
for IT

Institute of
mathematics
& its applications

THE
OPERATIONAL
RESEARCH
SOCIETY
NPL
National Physical Laboratory

Royal Academy
of Engineering

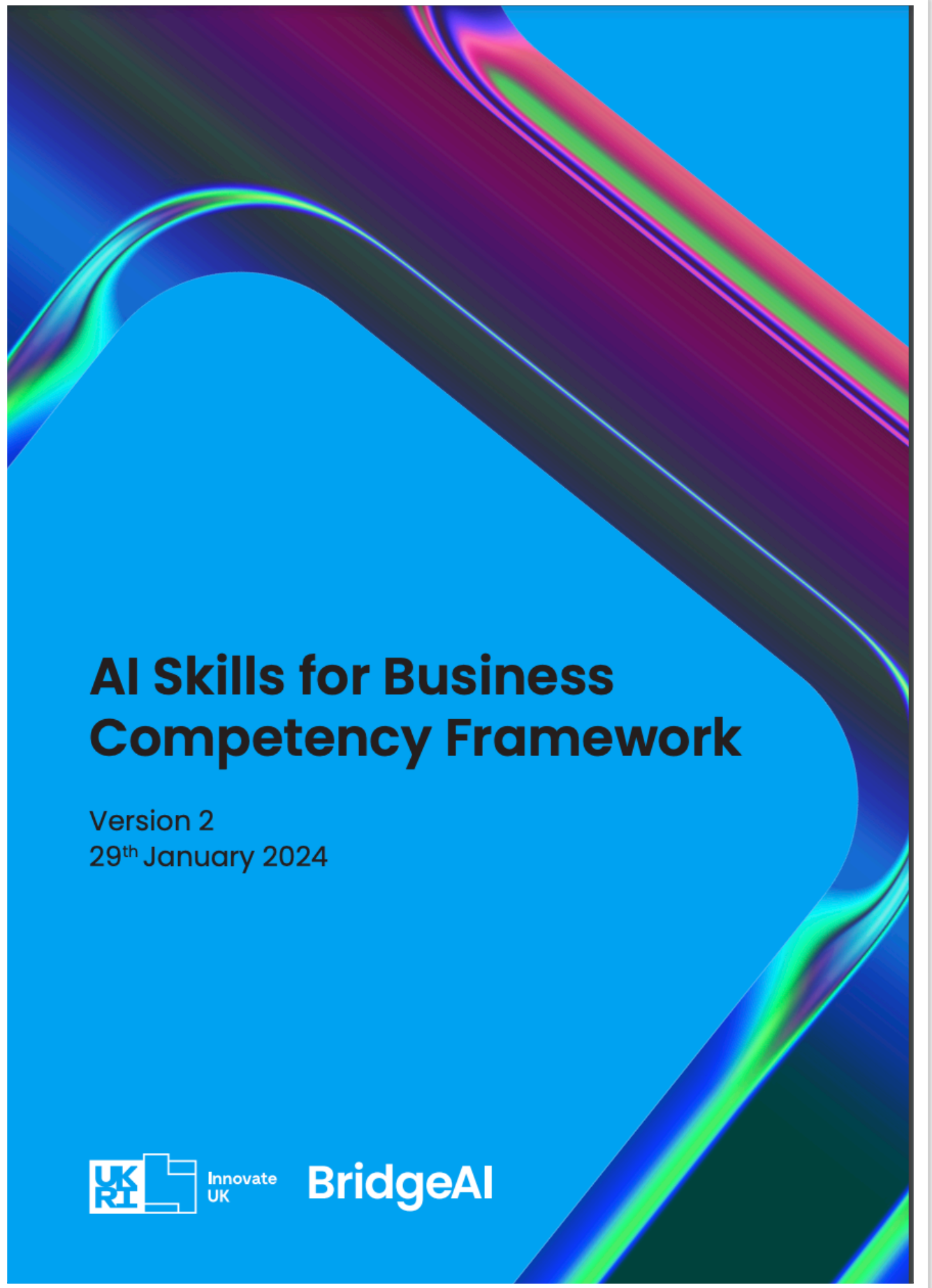
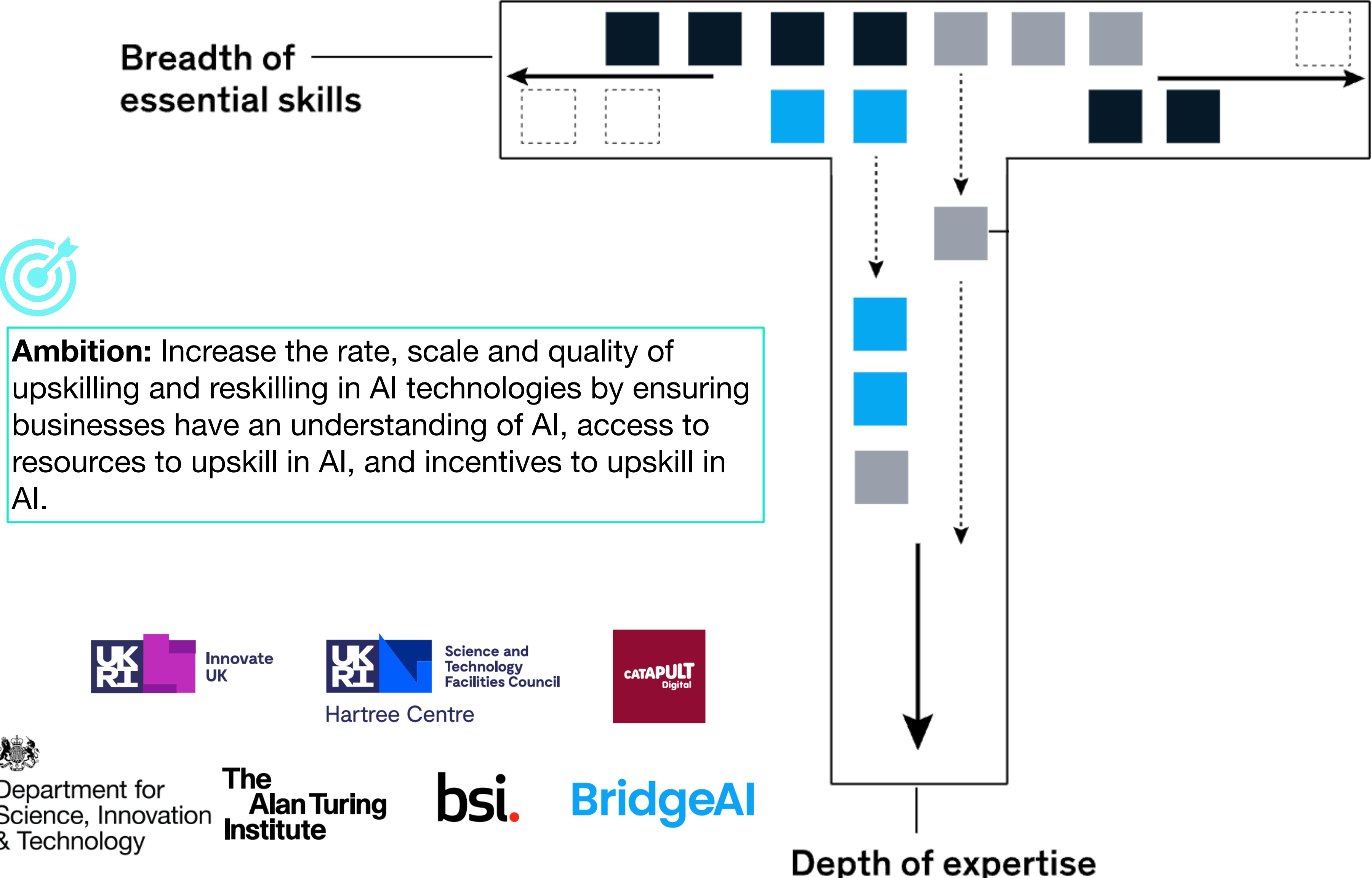
THE
ROYAL
SOCIETY

BRITISH
DATA
AWARDS

FINALIST 2024



AI Skills for Business Competency Framework





**The
Alan Turing
Institute**

**Data Study Group
Final Report**

09-13 September 2024

**The Alan Turing Institute and
Innovate UK BridgeAI**

Data-driven approaches to understand AI
competencies

How may AI influence the Actuarial profession in the future?

Positive ↑
Negative ↓

Now

Next Year

Next 2 Years

Next 5 Years

Step 1: Consider the positive and negative sides of AI (10-15 mins)

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How may AI influence the Actuarial profession in the future?





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