



UK's AI Expansion Plan Unveiled for Nationwide Implementation

Description

The government wants to use artificial intelligence (AI) to help the UK grow and provide better services. They plan to work with tech companies to invest £14bn in projects that will create jobs and boost the economy. AI will be used in different areas like fixing potholes, helping teachers, and supporting small businesses. The goal is to make sure everyone benefits from AI, no matter where they are in the UK.

AI is already being used in hospitals to diagnose illnesses faster, like cancer. The government believes that by fully embracing AI, the UK could make up to £47bn each year. However, AI is still developing, and there are some concerns about its accuracy. The government is working on safety measures while pushing for AI growth in the country. Tech companies are also investing in building AI infrastructure in places like Wales and Liverpool to create new jobs and opportunities for the future.

Vocabulary List:

1. **Artificial Intelligence** /,ɑ:tɪ'fɪʃəl ɪn'telɪdʒəns/ (noun): The simulation of human intelligence processes by computer systems.
2. **Infrastructure** /'ɪnfə,straʃktʃər/ (noun): The basic physical systems of a business region or nation.
3. **Embracing** /ɪm'breɪsɪŋ/ (verb): Accepting or supporting something willingly and enthusiastically.
4. **Boost** /bu:st/ (verb): To increase or improve something.
5. **Concerns** /kən'sɜ:nz/ (noun): Worries or issues that are of interest or importance.
6. **Accuracy** /'ækjərəsi/ (noun): The quality or state of being correct or precise.

Comprehension Questions

Multiple Choice

1. What is the primary goal of the UK government in using artificial intelligence (AI)?

Option: Boosting the economy

Option: Promoting AI research

Option: Increasing government control

Option: Enhancing military capabilities



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2. In which areas will AI be used according to the government's plan?
- Option: Fixing potholes, helping teachers, supporting small businesses
 - Option: Space exploration, agriculture, telecommunications
 - Option: Weather forecasting, cybersecurity, natural disaster response
 - Option: Social media marketing, entertainment industry, transportation
3. How much money do tech companies plan to invest in AI projects according to the text?
- Option: £10bn
 - Option: £5bn
 - Option: £14bn
 - Option: £20bn
4. Which sector is currently benefiting from AI in hospitals?
- Option: Education
 - Option: Transportation
 - Option: Healthcare
 - Option: Construction
5. What is one concern mentioned about the development of AI in the text?
- Option: Lack of government support
 - Option: Security breaches
 - Option: Inaccuracy
 - Option: Oversaturation in the market
6. Where are tech companies investing in building AI infrastructure to create new jobs?
- Option: Scotland and Ireland
 - Option: Wales and Liverpool
 - Option: France and Germany
 - Option: China and Japan

True-False

7. AI is already being used in hospitals for faster diagnosis.
8. The UK government is not concerned about the accuracy of AI.
9. Tech companies are not investing in AI infrastructure in the UK.



10. The government aims to ensure only specific regions benefit from AI.
11. The goal of AI implementation is to create job opportunities.
12. AI growth in the UK is not a focus for the government.

Answer

Multiple Choice: 1. Boosting the economy 2. Fixing potholes, helping teachers, supporting small businesses 3. £14bn 4. Healthcare 5. Inaccuracy 6. Wales and Liverpool

True-False: 7. True 8. False 9. False 10. False 11. True 12. False

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What is essential for Artificial Intelligence to provide reliable results?

- Option: Boost
- Option: Concerns
- Option: Accuracy
- Option: Oversight

2. Where do astronomers observe the movement of celestial bodies?

- Option: Visible
- Option: Orbit
- Option: Brightness
- Option: Impact

3. What is often at stake due to the spread of misinformation?

- Option: Mix-up
- Option: Incorrect
- Option: Credibility
- Option: Summarizes

4. Who funds many online platforms through paid promotions?

- Option: Align
- Option: Advertiser
- Option: Influenza
- Option: Symptoms



5. What is a major concern when hate speech and criticism are rampant?

- Option: Risk
- Option: Impact
- Option: Evolve
- Option: Department

6. What is necessary to confirm the authenticity of information?

- Option: Verify
- Option: Comet
- Option: Astronomers
- Option: Oversight

7. What do viruses constantly do to adapt to new environments?

- Option: Concerns
- Option: Evolve
- Option: Risk
- Option: Mix-up

8. What is crucial for the development of modern societies?

- Option: Infrastructure
- Option: Embracing
- Option: Boost
- Option: Hate speech

9. What property allows certain celestial objects to be easily observed?

- Option: Visible
- Option: Brighter
- Option: Misinformation
- Option: Comet

10. What feeling often accompanies new discoveries in scientific research?

- Option: Criticism
- Option: Exciting
- Option: Hate speech
- Option: Advertiser

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. What do scientists have regarding the potential risks of genetic engineering?

12. How does spreading _____ impact public understanding of important issues?



13. A good abstract _____ the key points of a research paper.
14. What are the signs that someone might be experiencing an illness?
15. What is necessary to prevent mistakes or misconduct in a company?
16. Stars appear _____ in the night sky when the atmosphere is clearer.
17. Promoting a healthy lifestyle can sometimes _____ with fast-food advertising.
18. Providing _____ information can have serious consequences especially in medical contexts.
19. There was a _____ at the airport and the luggage ended up in the wrong city.
20. Species _____ over time to adapt to changing environments.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Society's progress often depends on new technologies and ideas.
22. use powerful telescopes to study celestial objects.
23. A is a celestial object that orbits the Sun and has a tail of dust and gas.
24. Launching a new product always involves some level of .
25. Platforms should have policies against to promote a safe online community.
26. Constructive helps individuals and organizations grow and improve.
27. study the formation and evolution of galaxies in the universe.
28. The doctor isolated the patients to prevent the spread of the disease.
29. To maintain balance the goals of different departments should with the overall company vision.
30. New marketing strategies can help sales and brand recognition.



Answer

Multiple Choice: 1. Accuracy 2. Orbit 3. Credibility 4. Advertiser 5. Impact 6. Verification 7. Evolve
8. Infrastructure 9. Visible 10. Exciting

Gap-Fill: 11. Concerns 12. Misinformation 13. Summarizes 14. Symptoms 15. Oversight 16. Brighter 17.
Align 18. Incorrect 19. Mix-up 20. Evolve

Matching sentence: 1. Embracing 2. Astronomers 3. Comet 4. Risk 5. Hate speech 6. Criticism 7. Astronomers
8. Infected 9. Align 10. Boost

CATEGORY

1. Sci/Tech - LEVEL2

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