

Sheet 1

1. Computer vision is the study of how to make computers "see."
A. **TRUE** B. FALSE
2. Jobs that are repetitive and require weak social skills are the easiest to be AI Replaced work.
A. **TRUE** B. FALSE
4. On the premise of ensuring data privacy and security, federated learning utilizes different data sources to cooperatively train models to improve breakthroughs in data bottlenecks.
A. **TRUE** B. FALSE
5. The current technology application directions of artificial intelligence mainly include?
A. **Natural language processing** B. Control System C. **Computer vision** D. **Speech Recognition**
6. _____ is not an application of AI.
A. **Database Management System**
B. Digital Assistants
C. Natural language processing
D. Computer Vision
7. (Multiple-answer question) which of the following are AI application fields?
A. **Smart household**
B. **Smart healthcare**
C. **Smart city**
D. **Smart Education**
8. Which of the following are AI Subfields?
A. **Machine learning**
B. **Computer vision**
C. **Speech Recognition**
D. **Natural language processing**
9. Voice recognition refers to the recognition of audio data as text data.
A. **TRUE**
B. FALSE
10. Jobs that are repetitive and require weak social skills are the easiest to be AI Replaced work.
A. **TRUE**
B. FALSE
11. Artificial intelligence at this stage is still in the weak artificial intelligence stage.
A. **TRUE**
B. FALSE
12. Artificial intelligence is the research and development of theories, methods and application systems used to simulate, extend and expand human intelligence Of a new technological science.

- A. TRUE
- B. FALSE

13. The following is the correct difference between machine learning algorithms and traditional rule-based methods?

- A. Traditional rule-based methods, in which the rules can be explicitly clarified manually
- B. Traditional rule-based methods use explicit programming to solve problems
- C. The mapping relationship of the model in machine learning is automatically learned
- D. The mapping relationship of the model in the machine learning institute must be implicit

14. The following applications that are not part of the adversarial generation network are?

- A. Text generation
- B. Image generation
- C. Image Identification
- D. Data enhancement