

Quiz 1

Monday, February 26, 2024 8:58 PM

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AI value creation by the year 2030 is about ...

- | | | | |
|-------------------------|--------------|-------------------------|---------------|
| <input type="radio"/> A | \$15 million | <input type="radio"/> B | \$150 million |
| <input type="radio"/> C | \$15 billion | <input type="radio"/> D | \$15 trillion |

SUBMIT ANSWER

1 of 10

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SUBMIT ANSWER

2 of 10

What is ChatGPT?

- | | | | |
|-------------------------|---|-------------------------|---|
| <input type="radio"/> A | An artificial intelligence chatbot just for chit-chat | <input type="radio"/> B | An AI assistant for writing essays, theses, and answering exam questions. |
| <input type="radio"/> C | An AI tool that is susceptible to generating fake news. | <input type="radio"/> D | All of the above. |

SUBMIT ANSWER

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What is the main driving force behind the recent rise of Artificial Intelligence?

- | | |
|---|------------------------------------|
| <input type="radio"/> A Machine Learning | <input type="radio"/> B Internet |
| <input type="radio"/> C The industrial revolution | <input type="radio"/> D Blockchain |

SUBMIT ANSWER

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SUBMIT ANSWER

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Which of the following statements best describes Machine Learning?

- | | |
|--|---|
| <input type="radio"/> A Field of study about extracting knowledge and insights from data. | <input type="radio"/> B Field of study that gives computers the ability to learn without being explicitly programmed. |
| <input type="radio"/> C Field of study that involves the design, manufacture, and operation of robots. | <input type="radio"/> D Field of study that combines mechanical engineering, electronic control and system thinking in the design of product and manufacturing processes. |

SUBMIT ANSWER

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SUBMIT ANSWER

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Why did Machine Learning, in particular Deep Learning, take off recently?

- ☐ A The availability of large datasets and high-performance computing.
- ☐ B Internet memes
- ☐ C Python
- ☐ D 42

SUBMIT ANSWER

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SUBMIT ANSWER

6 of 10

The relationship between Artificial Intelligence and Data Science?

- | | | | |
|-------------------------|---|-------------------------|---|
| <input type="radio"/> A | Artificial Intelligence is a subset of Data Science techniques. | <input type="radio"/> B | Data Science is a subset of Artificial Intelligence techniques. |
| <input type="radio"/> C | There is a fairly large intersection between Artificial Intelligence and Data Science techniques. | <input type="radio"/> D | Artificial Intelligence is the same as Data Science. |

SUBMIT ANSWER

6 of 10

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SUBMIT ANSWER

7 of 10

Which of the following tasks AI probably CANNOT do at the moment?

- | | | | |
|-------------------------|---|-------------------------|--|
| <input type="radio"/> A | Diagnose skin cancer from ~130,000 clinical images with labels. | <input type="radio"/> B | Understand causes and effects. |
| <input type="radio"/> C | Identify correlations from data. | <input type="radio"/> D | Manage to beat top human players in chess. |

SUBMIT ANSWER

7 of 10

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SUBMIT ANSWER

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Which of the following equations is correct?

- ☐ A Computer + Machine Learning = AI
- ☐ B Company + Deep Learning = AI company
- ☐ C Shopping malls + websites = E-commerce
- ☐ D Algorithms + Data Structures = Programs

SUBMIT ANSWER

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SUBMIT ANSWER

9 of 10

What is the recommended way to build an AI system in a project?

- ☐ A Spending a lot of time to collect as much Data as possible.
- ☐ B Investing a lot of money to buy powerful Hardware.
- ☐ C Inventing powerful Algorithms that can solve complex problems.
- ☐ D Building, reviewing, and revising AI prototypes along the run of the project.

SUBMIT ANSWER

9 of 10

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SUBMIT ANSWER

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What you don't really need to do when applying AI in practice?

- ☐ A Invent a powerful AI algorithm to solve your problem.
- ☐ B Talk and discuss with people from relevant fields.
- ☐ C Make a realistic plan for your AI project.
- ☐ D Try, try, and try again.

SUBMIT ANSWER

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A

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B

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Try, try, and try again.

SUBMIT ANSWER

Finished!

Score: 9/10

Percent: 90%

OK