QuizForge Question Bank

Total Questions: 26
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Medium Questions

1. Explain the concept of python.

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2. Explain the concept of learning.

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3. _____s: A _____ is a block of code which only runs when it is called.

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4. Variables and _____ Types: In Python, variables are created when you assign a value to them.

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5. Explain the concept of created.

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6. Guido van Rossum _____ Python, and it was first released in 1991.

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7. Explain the concept of programming.

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8. Almost everything in Python is an _____, with its properties and methods.

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9. Control Structures: Python supports usual control flow statements _____ if, for, and while.

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10. In Python, a function is defined using the 'def' key_____.

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11. Explain the concept of readability.

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12. What is Guido van Rossum?

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13. What is Control Structures?

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14. What is SpaCy?

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15. What is NER?

Hard Questions

16. Introduction to _____ Programming and Machine Learning _____ is a high-level, interpreted programming language known for its readability and versatility.

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17. Python emphasizes _____ readability with its notable use of significant indentation.

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18. The 'for' loop is used for iterating over a sequence (that is either a list, a tuple, a dictionary, a _____, or a string).

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19. Introduction to Python _____ and Machine Learning Python is a high-level, interpreted _____ language known for its readability and versatility.

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20. NumPy is a _____ for the Python programming language, adding support for large, multi-dimensional arrays and matrices.

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21. Supervised learning is a machine learning paradigm for problems where the available data consists of labeled examples, meaning that each data point contains _____ (covariates) and an associated label.

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22. What is NLP?

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23. What is Pandas?

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24. What is Natural Language Processing?

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25. How would you apply python in practice?

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26. How would you apply learning in practice?

Answer Key

1. (medium) Answer: python

   Context: Introduction to Python Programming and Machine Learning Python is a high-level, interpreted programming language known for its readability and versatility.

2. (medium) Answer: learning

   Context: Introduction to Python Programming and Machine Learning Python is a high-level, interpreted programming language known for its readability and versatility.

3. (medium) Answer: function

   Context: Functions: A function is a block of code which only runs when it is called.

4. (medium) Answer: data

   Context: Variables and Data Types: In Python, variables are created when you assign a value to them.

5. (medium) Answer: created

   Context: Guido van Rossum created Python, and it was first released in 1991.

6. (medium) Answer: created

   Context: Guido van Rossum created Python, and it was first released in 1991.

7. (medium) Answer: programming

   Context: Introduction to Python Programming and Machine Learning Python is a high-level, interpreted programming language known for its readability and versatility.

8. (medium) Answer: object

   Context: Almost everything in Python is an object, with its properties and methods.

9. (medium) Answer: like

   Context: Control Structures: Python supports usual control flow statements like if, for, and while.

10. (medium) Answer: word

    Context: In Python, a function is defined using the 'def' keyword.

11. (medium) Answer: readability

    Context: Introduction to Python Programming and Machine Learning Python is a high-level, interpreted programming language known for its readability and versatility.

12. (medium) Answer: Guido van Rossum

    Context: Guido van Rossum created Python, and it was first released in 1991.

13. (medium) Answer: Control Structures

14. (medium) Answer: SpaCy

    Context: SpaCy is an open-source software library for advanced Natural Language Processing in Python.

15. (medium) Answer: NER

    Context: It features NER, POS tagging, dependency parsing, word vectors and more.

16. (hard) Answer: python

    Context: Introduction to Python Programming and Machine Learning Python is a high-level, interpreted programming language known for its readability and versatility.

17. (hard) Answer: code

    Context: Python emphasizes code readability with its notable use of significant indentation.

18. (hard) Answer: set

    Context: The 'for' loop is used for iterating over a sequence (that is either a list, a tuple, a dictionary, a set, or a string).

19. (hard) Answer: programming

    Context: Introduction to Python Programming and Machine Learning Python is a high-level, interpreted programming language known for its readability and versatility.

20. (hard) Answer: library

    Context: NumPy is a library for the Python programming language, adding support for large, multi-dimensional arrays and matrices.

21. (hard) Answer: features

    Context: Supervised learning is a machine learning paradigm for problems where the available data consists of labeled examples, meaning that each data point contains features (covariates) and an associated label.

22. (hard) Answer: NLP

    Context: Natural Language Processing (NLP): Natural language processing (NLP) is a subfield of linguistics, computer science, and artificial intelligence concerned with the interactions between computers and human language, in particular how to program computers to process and analyze large amounts of natural language data.

23. (hard) Answer: Pandas

    Context: Pandas is a software library written for the Python programming language for data manipulation and analysis.

24. (hard) Answer: Natural Language Processing

    Context: Natural Language Processing (NLP): Natural language processing (NLP) is a subfield of linguistics, computer science, and artificial intelligence concerned with the interactions between computers and human language, in particular how to program computers to process and analyze large amounts of natural language data.

25. (hard) Answer: Apply the concept of python.

26. (hard) Answer: Apply the concept of learning.