

# QuizForge Question Bank

Total Questions: 26

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## Easy Questions

1. Guido van Rossum \_\_\_\_\_ Python, and it was first released in 1991.

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2. In Python, a function is defined using the 'def' key\_\_\_\_\_.

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3. What is Guido van Rossum?

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4. What is NER?

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## Medium Questions

5. Explain the concept of python.

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6. Explain the concept of learning.

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7. \_\_\_\_\_s: A \_\_\_\_\_ is a block of code which only runs when it is called.

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8. Variables and \_\_\_\_\_ Types: In Python, variables are created when you assign a value to them.

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9. Python emphasizes \_\_\_\_\_ readability with its notable use of significant indentation.

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10. 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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11. Explain the concept of created.

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12. Explain the concept of programming.

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13. Almost everything in Python is an \_\_\_\_\_, with its properties and methods.

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14. Control Structures: Python supports usual control flow statements \_\_\_\_\_ if, for, and while.

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15. NumPy is a \_\_\_\_\_ for the Python programming language, adding support for large, multi-dimensional arrays and matrices.

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16. 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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17. Explain the concept of readability.

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18. What is Control Structures?

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19. What is Pandas?

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20. What is SpaCy?

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## Hard Questions

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

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

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23. What is NLP?

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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?

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# Answer Key

1. (easy) Answer: created

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

2. (easy) Answer: word

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

3. (easy) Answer: Guido van Rossum

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

4. (easy) Answer: NER

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

5. (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.

6. (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.

7. (medium) Answer: function

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

8. (medium) Answer: data

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

9. (medium) Answer: code

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

10. (medium) 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).

11. (medium) Answer: created

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

12. (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.

13. (medium) Answer: object

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

14. (medium) Answer: like

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

15. (medium) Answer: library

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

16. (medium) 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.

17. (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.

18. (medium) Answer: Control Structures

19. (medium) Answer: Pandas

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

20. (medium) Answer: SpaCy

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

21. (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.

22. (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.

23. (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.

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.