

Dictionary Built-in Functions: Creating Dictionary, Accessing Items

Unit 5: Dictionary, List, Set, String and Tuple

Lecture 43: Dictionary Built-in Functions: Creating Dictionary, Accessing Items

Agenda

- Key-Value mapping
- Hashable keys
- $O(1)$ access time
- Creation methods

Deep Dive: Key-Value mapping

Understanding the core mechanics of Key-Value mapping.
Memory complexity and time complexity considerations.
Common edge cases in Python.

Deep Dive: Hashable keys

Understanding the core mechanics of Hashable keys.
Memory complexity and time complexity considerations.
Common edge cases in Python.

Deep Dive: $O(1)$ access time

Understanding the core mechanics of $O(1)$ access time.
Memory complexity and time complexity considerations.
Common edge cases in Python.

Deep Dive: Creation methods

Understanding the core mechanics of Creation methods.
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Summary

- Review of key concepts.
- Best practices and Pythonic idioms.
- Common pitfalls avoided.

Next Lecture Preview

Next up: Add, Update, Remove in Dictionary
- Preparation reading recommended.