

Python is a high-level, interpreted programming language used for web development, data science, and automation.

It supports multiple paradigms like procedural, object-oriented, and functional programming.

Lists in Python are mutable, while tuples are immutable.

Dictionaries in Python store data as key-value pairs.

Functions in Python are defined using the `def` keyword.

Classes and objects enable object-oriented programming in Python.

Decorators allow modification of function behavior without changing the function code.

Generators yield values one at a time using the `yield` keyword.