M1.1.a: What is Python

What is Python

Python is a high-level, interpreted, interactive and object-oriented scripting language. The benefits of pythons are that it is simple and easy, portable, extensible, build-in data structure and it is an open source.

Python is designed to be highly readable. It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.

The design of Python offers some support for functional programming.

The core design philosophy of the language is summarized as:

- Beautiful is better than ugly
- Explicit is better than implicit
- Simple is better than complex
- Complex is better than complicated
- Readability counts

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