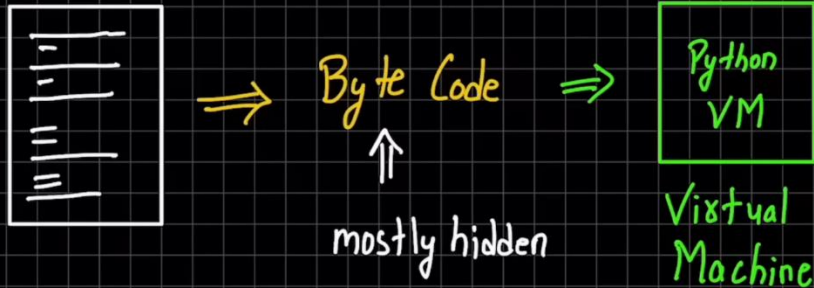


Python Inner Working

> python chai.py



1. Compile to Byte Code

↑
low level & Platform Independent

→ Byte Code runs faster

.pyc → Compiled python (frozen Binaries)

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-- py cache --

Source Change & Python Version

hello_chai.cpython-312.pyc

→ Works only for imported files

→ not for top level files

→ Python Virtual Machine PVM

→ Code loop to iterate byte Code

→ Run time Engine

→ Also known as python interpreter

Byte Code is **Not** machine Code

→ Python specific interpretation

→ cpython, jython, Iron Python, Stackless, PyPy
 ↖ standard implementation