Python:

**How to import data from other file:**

**Syntax:🡪** from filename import Variable/method 🡪like: from index import x

When we import something from other file it automatically create a folder (“\_\_pycache\_\_”) and a file (“chai.cpython.pyc”) inside it.

When we run the code it generates a bytecode which is chai.coython.pyc, then this file data goes to the virtual machine and out code runs.

**Code Running Steps:**

* compile to byte code (byte code is low level and platform independent)🡪 byte code can be can on virtual machine the virtual machine can be anywhere it can be on local machine, browser, on server or on other machine.
* byte code run faster also know as frozen binaries.
* \_\_pycache\_\_ analyze source code changes and the python version.
* Folder created after importing the files.

**Virtual Machine:**

* It is a software which run pyhton source code
* Inide it a loop runs continuously to iterate byte code (interpreted language🡪code run line by line)
* Run time engine
* Byte code is not machine code.

**Types of python:**

* Cpython🡪 it is standard python that we used in 95% of cases.
* Jython
* Iron python
* Stackless
* Pypy

47 min