

Python

Computational Economics @ Bundesbank

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Why Python???

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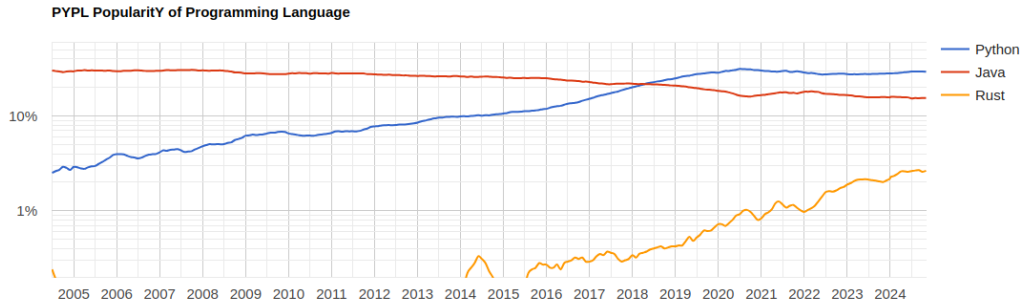


Figure 1: Center

Why Python???

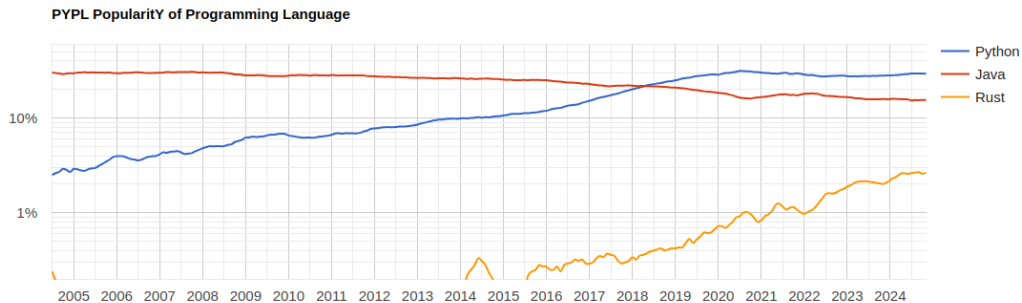


Figure 1: Center

Python:

- ▶ is popular
- ▶ is free and opensource
- ▶ has many many libraries

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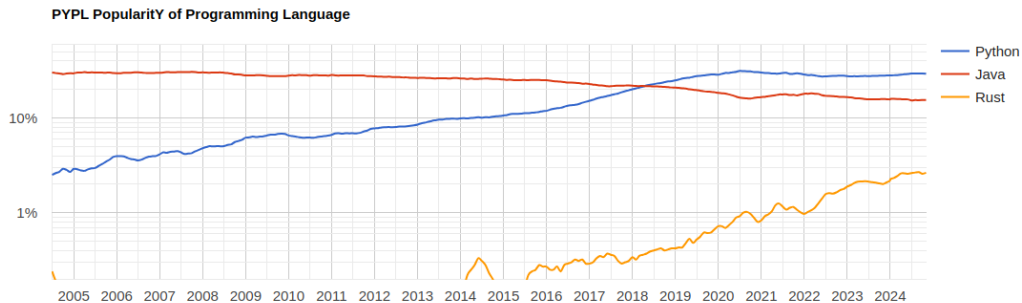


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Packages and Environment

Python modules

A file ending with .py is a *python module*

▶ program.py

```
key = "low"  
def something():  
    return "hey"
```

The content from a module can be *imported*

```
from program import something
```

To import all objects in a module (functions, strings, ...)

```
from program import *
```

Submodules

▶ A folder containing modules and an `__init__.py` is a package.

▶ import a package or a submodule:

▶ `import package`

▶ `from package.submodule import something`

Syntax Review

Let's setup the environment specified in requirements.txt

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