

Python Environment Verification

Step 1: Confirm Your Development Environment

✓ Verification Checklist

- ✓ Check Python version: `python --version`
- ☐ Get system details: `python -c "import sys; print(sys.version)"`
- ☐ Verify executable path: `which python` (Unix) / `where python` (Windows)

🕒 Est. Time: 5-10 minutes

💡 Expected Output Examples

```
$ python --version
```

```
Python 3.10.4
```

```
$ where python
```

```
C:\Users\YourUser\AppData\Local\Programs\Python\Python310\python.exe
```

🔧 Troubleshooting

- 'python' not found? Check your system's PATH variable.
- Wrong version? Ensure correct Python installation is first in PATH.
- Using an environment manager (like conda or venv)? Make sure it's activated.

Lab Step 1/17