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**📘 DOKUMENTASI INSTALASI PYTHON (v2.7 - v3.10) & PIP MANUAL**

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**🧩 1. DOWNLOAD PYTHON**

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Unduh Python versi yang diinginkan dari situs resmi:

➡ versi 3.10

Tersedia beberapa jenis file:

- Windows installer (.exe) → instalasi biasa

- Embeddable ZIP → versi portable tanpa instal

(disarankan untuk komputer kantor / restricted access)

Contoh folder hasil ekstrak:

C:\Users\<user>\Downloads\python-3.10.11-embed-amd64

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**🧠 2. AKTIFKAN MODUL SITE (KHUSUS EMBEDDED)**

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1. Buka file: python310.\_pth

2. Ubah bagian akhir agar seperti berikut:

python310.zip

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Lib\site-packages

import site

👉 Baris `import site` harus diaktifkan (tidak ada tanda #)

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**🪄 3. INSTAL PIP SECARA MANUAL**

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📍 Metode 1: Menggunakan get-pip.py

1. Unduh file get-pip.py dari:

https://bootstrap.pypa.io/get-pip.py

2. Jalankan di PowerShell:

& "$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\python.exe" "$env:USERPROFILE\Downloads\get-pip.py"

3. Jika sukses, akan muncul folder:

- Lib\site-packages\pip

- Scripts\pip.exe

4. Tes dengan perintah:

& "$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\python.exe" -m pip --version

Jika muncul seperti:

pip 25.3 from ...\Lib\site-packages\pip (python 3.10)

✅ artinya pip sudah aktif.

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**📍 Metode 2: Menggunakan file .whl (offline)**

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1. Unduh file pip terbaru dari:

https://pypi.org/project/pip/#files

2. Simpan di:

C:\Users\<user>\Downloads\python-3.10.11-embed-amd64\Lib\site-packages

3. Jalankan perintah berikut:

& "$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\python.exe" -m zipfile -e "$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\Lib\site-packages\pip-25.3-py3-none-any.whl" "$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\Lib\site-packages"

4. Cek pip lagi:

& "$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\python.exe" -m pip --version

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**🧾 4. INSTAL REQUIREMENTS.TXT**

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Pastikan file requirements.txt sudah ada.

Contoh letak:

C:\Users\<user>\Downloads\requirements.txt

Jalankan:

& "$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\python.exe" -m pip install -r "$env:USERPROFILE\Downloads\requirements.txt"

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**⚙️ 5. TAMBAHKAN PYTHON KE PATH (OPSIONAL)**

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Agar bisa ketik langsung `python` atau `pip` di terminal:

setx PATH "$env:PATH;$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64;$env:USERPROFILE\Downloads\python-3.10.11-embed-amd64\Scripts"

Setelah itu buka ulang terminal (PowerShell atau CMD).

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**✅ 6. TEST**

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python --version

pip --version

python -m pip install requests

Jika semua berjalan, berarti instalasi Python & pip sukses.

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**🧰 CATATAN TAMBAHAN**

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- Versi Python 2.7 & 3.4 ke bawah tidak mendukung get-pip terbaru.

Untuk versi lama gunakan pip versi lawas dari:

https://bootstrap.pypa.io/pip/2.7/get-pip.py

- Untuk sistem kantor (tanpa hak admin), gunakan embeddable ZIP.

- Kamu bisa memindahkan folder Python portable ini ke mana saja

(misalnya ke dalam folder project).

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**📦 AKHIR DOKUMENTASI**

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INSTALL REQUIREMENTS.TXT

& "$env:USERPROFILE\Downloads\python-3.12.3-embed-amd64\python.exe" -m pip install -r "C:\wahyu.prayoga\detection-batik-ml\requirements.txt"