

Face Sorter — Full Instructions (EN)

What it does:

- Detects and groups people in photos using face recognition
- Works with various formats: JPG, PNG, BMP, TIFF, HEIC
- Automatically copies images into subfolders per person:

```
python-repl
CopyEdit
Person_1/
Person_2/
...
```

How to install:

Make sure you have Python installed.

Install required libraries:

```
bash
CopyEdit
pip install face_recognition opencv-python pillow tqdm scikit-learn pyheif
pyheif_pillow_opener
```

How to use:

1. Run:

```
bash
CopyEdit
python face_sorter_gui.py
```

2. Choose:
 - Source folder (where the unsorted photos are)
 - Output folder (where sorted folders will be created)
 3. The program will:
 - Detect faces in all photos
 - Group similar faces together
 - Copy photos into folders (Person_1, Person_2, ...)
-

Building as EXE (optional):

If you want to make it portable:

```
bash
CopyEdit
pip install pyinstaller
pyinstaller --onefile --noconsole face_sorter_gui.py
```

Then use the file from /dist/face_sorter_gui.exe.

Note:

- No internet required
- Fully offline face clustering
- Handles thousands of images (tested with 15,000+)