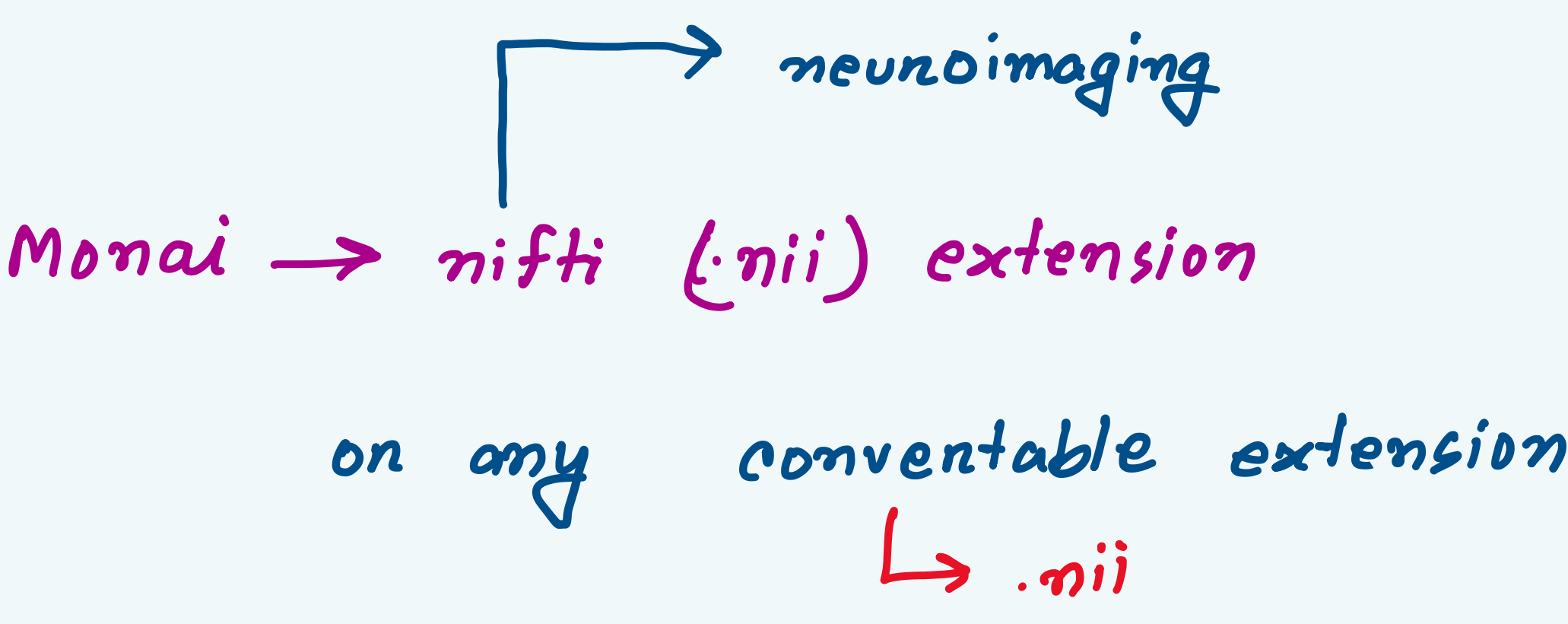


Tools :

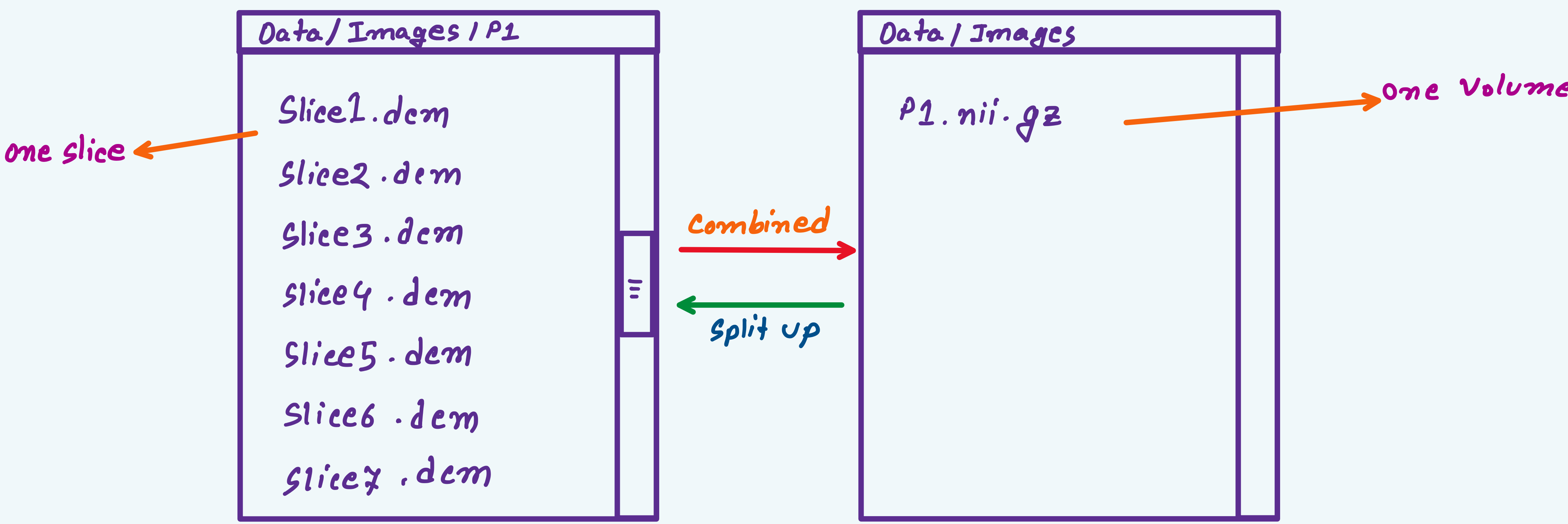
- ⊛ Python - 3.8 (at most)
- ⊛ Anaconda
- ⊛ Jupyter Lab / Notebook
- ⊛ 3D Slicer

Dataset :



- ⊛ Images / Volume → Foreground + Background
- ⊛ Labels / Segmentation → Foreground

Example with Dicom Files:



Number of Slice

P1 → 150	} number of slices are not same
P2 → 210	
P3 → 160	

Caution : Accuracy can be biased !

SO

Number of Slice		
P1 → 150	.dcm	Combined → P1.nii.gz P2.nii.gz P3.nii.gz
P2 → 150	.dcm	
3 → 150	.dcm	

Image-2 = 90 slices → 90/40 { 40 slices → 1 folder  
extra 10 slices  
40 slices → 1 folder

Image-3 = 40 slices → 40/40 → 1 folder

For NULL

if image has background + foreground + .....  
↓  
(.nii.gz) [0, 1, .....]

if image has background (only)  
[0] (length = 1)