

Main UI

Select 2D CNN Menu

Select Options for Training

Select Epochs / Width / Height Size / Number of Outputs
Select CheckBox with Scaling, Early Stopping, weights
Select Models (VGG16, 19, ResNet, DenseNet ...)

Image Data Import

No

Import Image Data
Correctly

Yes

Result UI

Show Result with Table
& Graph

Tables with Accuracy, Loss, time for each Model
Graph with Matplotlib

Compare

Choose Model to Develop

Select

Save

Choose Model

Show Images
with wrong result

Develop
Model

Save the model state
with updated weight

Yes

Show all the Layers' informations

Change Layers
information

Yes

Change the Size,
Pooling Size,
activation function...

Train again

No