

PROJECT TITLE	Project - Digital Naturalist – AI Enabled tool for Biodiversity Researchers
TEAM ID	PNT2022TMID52124

PROJECT STRUCTURE:

```
model_train.ipynb > #Loading Data and Preprocessing > #Building a model based on the above defined function
+ Code + Markdown | Run All | Clear Outputs of All Cells | Restart | Variables | Outline ...
base (Python 3.9.13)

max_pooling2d (MaxPooling2D) (None, 110, 110, 256) 0
)

conv2d_1 (Conv2D) (None, 108, 108, 128) 295040

max_pooling2d_1 (MaxPooling (None, 54, 54, 128) 0
2D)

conv2d_2 (Conv2D) (None, 52, 52, 64) 73792

max_pooling2d_2 (MaxPooling (None, 26, 26, 64) 0
2D)

flatten (Flatten) (None, 43264) 0

dense (Dense) (None, 512) 22151680

...
Total params: 22,784,966
Trainable params: 22,784,966
Non-trainable params: 0

/usr/local/lib/python3.7/dist-packages/keras/optimizers/optimizer_v2/adam.py:110: UserWarning: The `lr` argument is deprecated, use
`learning_rate` instead.
super(Adam, self).__init__(name, **kwargs)

#Fitting Model
```