

```
Emotions                               Path
0  disgust /home/ubuntu/DL_Project/CREMA-D/AudioWAV/1058...
1  disgust /home/ubuntu/DL_Project/CREMA-D/AudioWAV/1074...
2   happy /home/ubuntu/DL_Project/CREMA-D/AudioWAV/1057...
3  disgust /home/ubuntu/DL_Project/CREMA-D/AudioWAV/1040...
4  disgust /home/ubuntu/DL_Project/CREMA-D/AudioWAV/1035...
Processing Train Data: 100%|██████████████████████████████████████████████████████████████████████████████| 5953/5953 [00:22<00:00, 261.47it/s]
Processing Test Data: 100%|███████████████████████████████████████████████████████████████████████████████| 1489/1489 [00:05<00:00, 271.50it/s]
/home/ubuntu/.local/lib/python3.12/site-packages/keras/src/layers/convolutional/base_conv.py:107: UserWarning: Do not pass an "input_shape"/"input_dim" argument to a layer
```

Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 62, 126, 32)	320
max_pooling2d (MaxPooling2D)	(None, 31, 63, 32)	0
conv2d_1 (Conv2D)	(None, 29, 61, 64)	18,496
max_pooling2d_1 (MaxPooling2D)	(None, 14, 30, 64)	0
flatten (Flatten)	(None, 26880)	0
dense (Dense)	(None, 128)	3,440,768
dropout (Dropout)	(None, 128)	0
dense_1 (Dense)	(None, 6)	774

Total params: 3,460,358 (13.20 MB)
Trainable params: 3,460,358 (13.20 MB)
Non-trainable params: 0 (0.00 B)

```
Epoch 1/10
373/373 ————— 25s 63ms/step - accuracy: 0.2572 - loss: 4.9357 - val_accuracy: 0.4083 - val_loss: 1.4540
Epoch 2/10
373/373 ————— 41s 62ms/step - accuracy: 0.3825 - loss: 1.5429 - val_accuracy: 0.4097 - val_loss: 1.4567
Epoch 3/10
373/373 ————— 23s 63ms/step - accuracy: 0.4055 - loss: 1.4848 - val_accuracy: 0.3620 - val_loss: 1.5516
Epoch 4/10
373/373 ————— 23s 63ms/step - accuracy: 0.4399 - loss: 1.4032 - val_accuracy: 0.4244 - val_loss: 1.4234
Epoch 5/10
373/373 ————— 41s 62ms/step - accuracy: 0.4310 - loss: 1.4316 - val_accuracy: 0.4513 - val_loss: 1.3601
Epoch 6/10
373/373 ————— 23s 62ms/step - accuracy: 0.4903 - loss: 1.3121 - val_accuracy: 0.4621 - val_loss: 1.3576
Epoch 7/10
373/373 ————— 23s 62ms/step - accuracy: 0.4834 - loss: 1.2928 - val_accuracy: 0.4338 - val_loss: 1.4356
Epoch 8/10
373/373 ————— 41s 62ms/step - accuracy: 0.5293 - loss: 1.2122 - val_accuracy: 0.4486 - val_loss: 1.4095
Epoch 9/10
373/373 ————— 23s 63ms/step - accuracy: 0.5329 - loss: 1.1804 - val_accuracy: 0.4446 - val_loss: 1.4415
Epoch 10/10
373/373 ————— 41s 62ms/step - accuracy: 0.5352 - loss: 1.1642 - val_accuracy: 0.4379 - val_loss: 1.4548
```