## Art Images

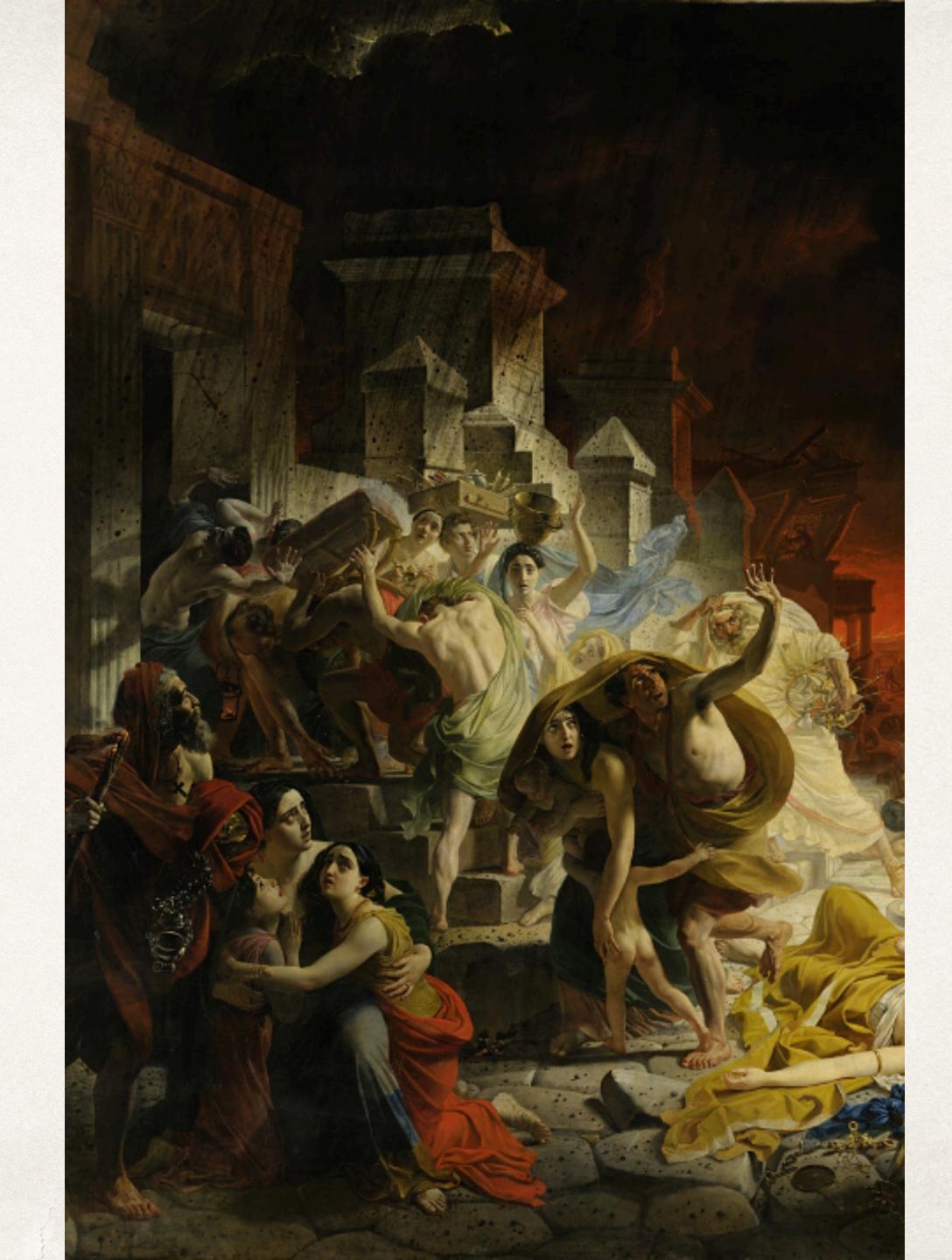
- Drawings and Watercolours
- Works of Paintings
- Sculpture
- Graphic Art
- Iconography (Old Russian Art)





```
model = Sequential([
       Conv2D(32, (3, 3), input_shape=input_shape),
       Activation('relu'),
       MaxPooling2D(pool_size=(2, 2)),
       Conv2D(32, (3, 3)),
       Activation('relu'),
       MaxPooling2D(pool_size=(2, 2)),
10
       Conv2D(64, (3, 3)),
11
       Activation('relu'),
12
       MaxPooling2D(pool_size=(2, 2)),
13
14
       Flatten(),
15
       Dense(64),
       Activation('relu'),
16
17
       Dropout(0.5),
18
       Dense(5),
19
       Activation('sigmoid')
       ])
```

Test Accuracy: 91.88%

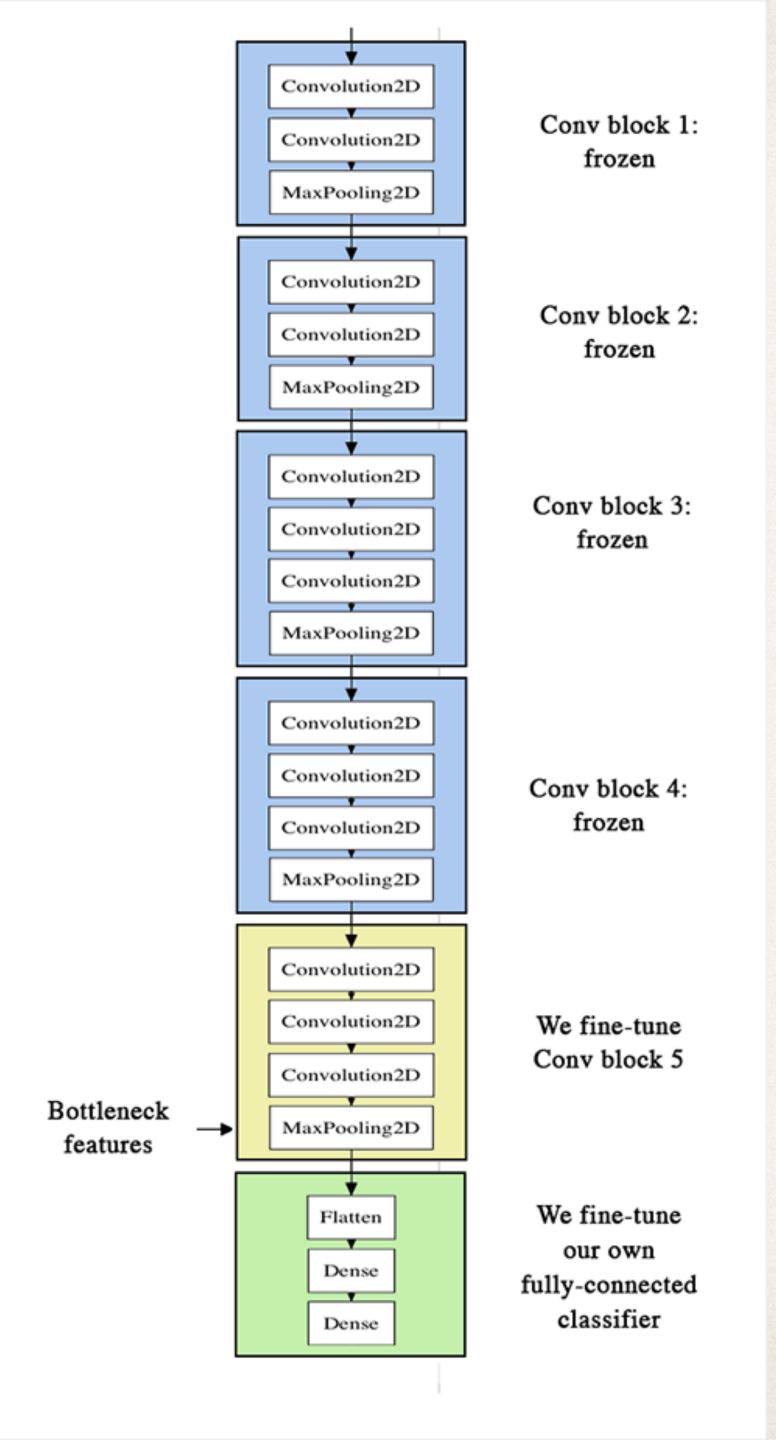


Test Accuracy: 91.88%



## Which Approach?

- \* Add fine tuning?
- Fine tune last block?
- How many epochs?
- \* How large should the batch size be?
- etc.



## Conclusion

Use pre-trained networks if you can.