

```
1 def run_generic_experiment():
2     dataset = DatasetHandler.load_dataset(path_to_segments_file)
3     [images, score, images_val, score_val] = dataset.get_imgs_with_labels(...)
4
5     input_shape = dataset.get_input_shape()
6     model = ModelHandler.build_generic_model(input_shape)
7
8     model.compile(optimizer, loss, metrics)
9     # optimizer, loss, metrics,
10    # epochs, batch_size are loaded from Settings
11
12    history = model.fit(images, score, epochs, batch_size,
13                        validation_data=(images_val, score_val))
14
15    ModelOI.save_history( history )
16    ModelOI.visualize_history( history )
```