Application of Deep Learning techniques for the photo-identification of fish individuals

nuriagomv

Model implementation: code outline

The main file of our system for training is "main_training.py", whose function calls are outlined below. The optimization of hyperparameters in "bayesian_optimization_parameters.py" works essentially the same way, but without fixing the parameters to a value.

Figure 1: Training outline.

And the main file for prediction is "main_prediction.py", which shares classes with the previous scheme but whose outline goes as follows:

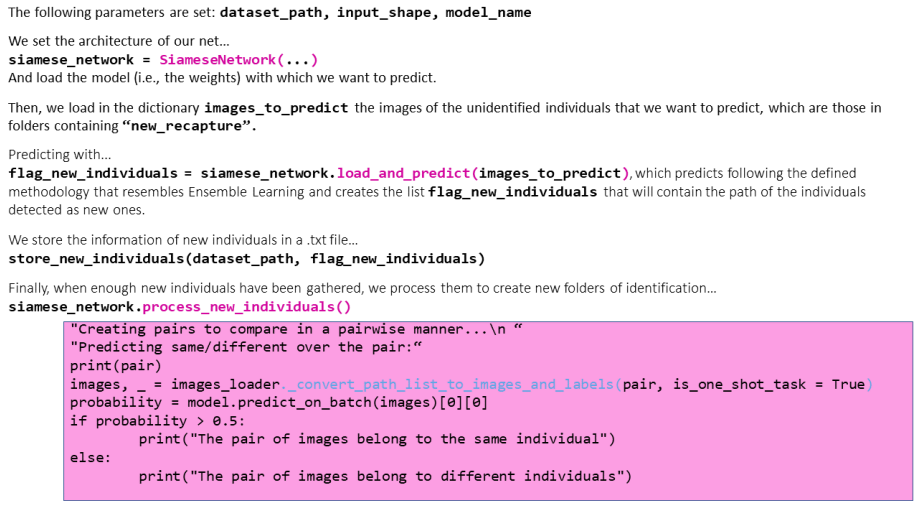

Figure 2: Prediction outline.