interaction Stream Learning «StreamEvaluator» «Stream» «StreamModel» User **Evaluator DataStream** Model 1 : evaluate(stream, model) loop evaluate 2 : get next sample [while there is data in the stream] 3 : X, y\_true = next sample 4 : predict(X) alt prequential [valid sample] 5 : y\_predicted = Prediction 6 : results = evaluate(y\_true, y\_predicted) 7 [m samples passed] : update\_metrics(last\_result) 8 [m samples passed] : update\_plot(last\_result) 9 : partial\_fit(X) 10: trained model