Pipeline

Thursday, 9 February 2017

12:39

Data Loader

Loading

Preprocessing

Automatic Bounding Boxes

Mislabel filtering

Fish: Head and Tail detection (or find different features)

Numpy arrays as data storage

Hyper parameter optimizer

Cross-validation, xgboost

Stacking or different ensemble

 \longrightarrow

Classifier

Have base class and all other classifiers inherit from that

Use sci-kit

Have a fit and a predict method, have constructor (init

with parameters, probably dict with name of parameter

and value)

 \longrightarrow

Evaluation

Held out test set

C-Val

Train

Data

Test set Provided in Data