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DEBUG decoder_conv_layers : True
DEBUG dropout : 0.0
DEBUG batch_norm : False
DEBUG retain_best : False
DEBUG lr_plateau_decay : False
DEBUG lr_plateau_decay_rounds : 5
DEBUG lr_plateau_decay_factor : 1
DEBUG lr_plateau_threshold : 0
DEBUG overwrite : False
DEBUG train_highest_only : False
DEBUG low_stat_threshold : 10000
DEBUG [AnomalyDetectionAlgorithm : load_data] Loading training data from file
'tutorial/tutorial_addMLAlgos/SingleMuon.parquet'
DEBUG [Anomaly_detection_algorithm : load_data] Removing low stat runs.
DEBUG [Anomaly_detection_algorithm : load_data] Removing 22/997 runs in which one or more of the requested histograms had
less than 10000 entries.
DEBUG [Anomaly_detection_algorithm : load_data] Scaling all entries in histogram 'L1T//Run
summary/L1TStage2EMTF/emtfTrackPhi' by the sum of total entries.
DEBUG [Anomaly_detection_algorithm : load_data] Scaling all entries in histogram 'L1T//Run
summary/L1TStage2EMTF/emtfTrackEta' by the sum of total entries.
DEBUG [AnomalyDetectionAlgorithm : load_data] Loaded data for 2 histograms with 490 events in training set and 485 events
in testing set.
DEBUG [AutoEncoder : train] Mode selected as 'individual', meaning one autoencoder will be trained for each histogram. Use 'simultaneous'
if you wish to train a single autoencoder for all histograms.
DEBUG [AutoEncoder : train] Histogram %s is has no labels, so all will be utilized in splitting.
2023-04-13 13:39:45.544331: W tensorflow/compiler/xla/stream_executor/cuda/cuda_driver.cc:265] failed call to cuInit: UNKNOWN ERROR (303)
libcuda.so.1: cannot open shared object file: No such file or directory
2023-04-13 13:39:45.544367: W tensorflow/compiler/xla/stream_executor/cuda/cuda_diagnostics.cc:156] kernel driver does not appear to be running on this host (ua
f-10.t2.ucsd.edu): /proc/driver/nvidia/version does not exist
2023-04-13 13:39:45.544838: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (on
eDNN) to use the following CPU instructions in performance-critical operations: AVX2 FMA
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
DEBUG [AutoEncoder : train] Histogram %s is has no labels, so all will be utilized in splitting.
DEBUG [AutoEncoder : train] Training autoencoder with 3 dimensions in latent space for histogram(s) 'L1T//Run
summary/L1TStage2EMTF/emtfTrackPhi' with 490 training examples.
Traceback (most recent call last):
  File "/home/users/rnie/work/AutoDQM_ML/scripts/train.py", line 182, in <module>
    algorithm.train()
  File "/home/users/rnie/work/AutoDQM_ML/autodqm_ml/algorithms/autoencoder.py", line 143, in train
    model = AutoEncoder_DNN(histograms, **self.config).model()
  File "/home/users/rnie/work/AutoDQM_ML/autodqm_ml/algorithms/autoencoder.py", line 300, in __init__
    output = self.build_decoder(histogram, info, latent_representation)
  File "/home/users/rnie/work/AutoDQM_ML/autodqm_ml/algorithms/autoencoder.py", line 391, in build_decoder
    strides = self.self.strides_1d,
AttributeError: 'AutoEncoder_DNN' object has no attribute 'self'
[([autodqm-ml] [1339] rnie@uat-10 ~/work/AutoDQM_ML$ vim autodqm_ml/algorithms/autoencoder.py
```