Inference as Service

4/24/2024

CTD 2023 Input Data

- /global/cfs/cdirs/m2616/pmtuan/inferred_data/feature_sets/
- /global/cfs/cdirs/m4439/CTD2023/
- /global/cfs/cdirs/m3443/data/GNN4ITK/2023_uncorr_feature_store/

- For Module Map:
- /global/cfs/cdirs/m4439/CTD2023/MMtriplet_1GeV_3hits_noE__merged__sorted.txt

Models

- /global/cfs/cdirs/m4439/acorn_model_store/

- Checkpoints:
- metricLearning: checkpoint: /global/cfs/cdirs/m4439/acorn_model_store/metric_learning/best-11292882-f1=0.006355.ckpt
- Filtering: /global/cfs/cdirs/m4439/acorn_model_store/filter/best-21725764-auc=0.991198-epoch=42.ckpt
- GNN: /global/cfs/cdirs/m4439/acorn_model_store/ /gnn/GNN_IN2_epochs169.ckpt

Code

- https://gitlab.cern.ch/gnn4itkteam/acorn/-/tree/dev_AL_inference

- Config file:
- https://gitlab.cern.ch/gnn4itkteam/acorn/-/blob/dev_AL_inference/examples/pipeline/pipeline_infer.yaml
- Python Script:
- notebooks/infEx1_ml.py · dev_AL_inference · GNN4ITkTeam / acorn · GitLab (cern.ch)

Code 2

- Config file:
- [examples/pipeline/pipeline_infer_new.yaml · dev_AL_inference · GNN4ITkTeam / acorn · GitLab (cern.ch)](examples/pipeline/pipeline_infer_new.yaml)
- In acorn:
- > acorn infer pipeline_infer_new.yaml