

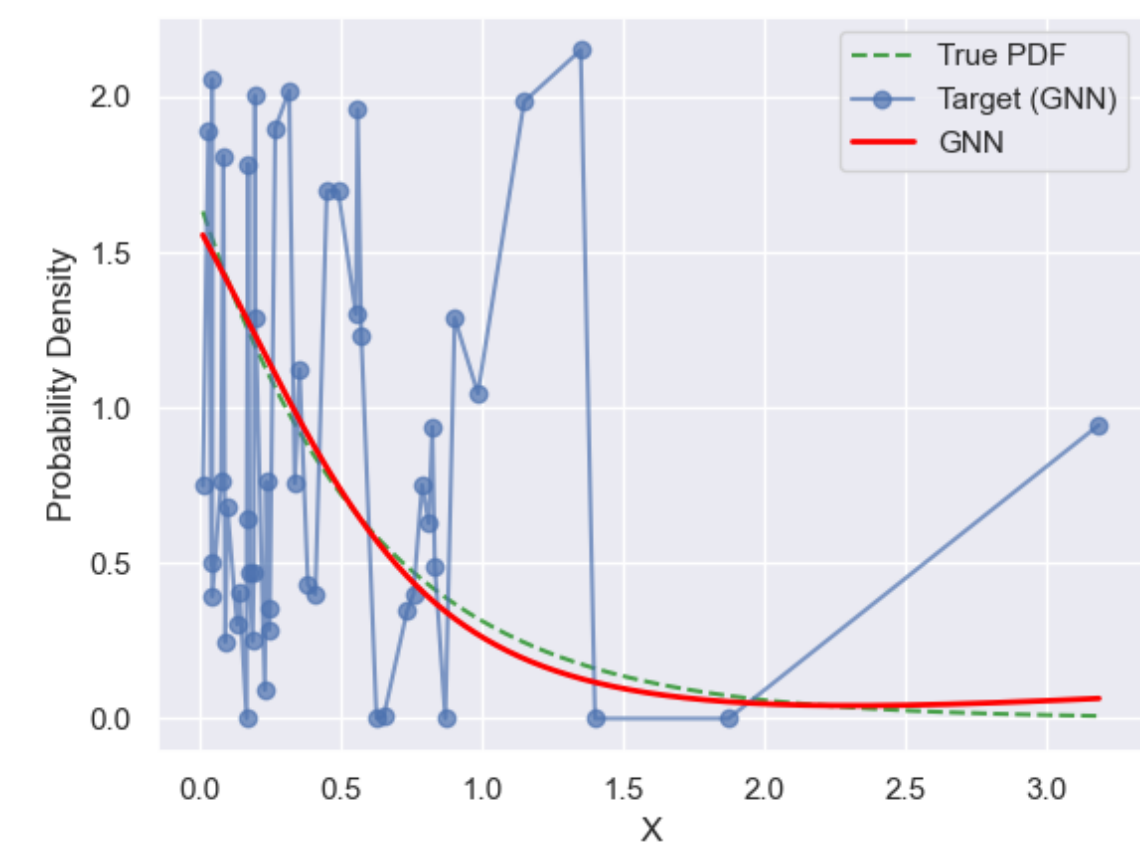
Experiment Details Experiment C8 S100

from experiment with GNN on 2024-05-23 16-13

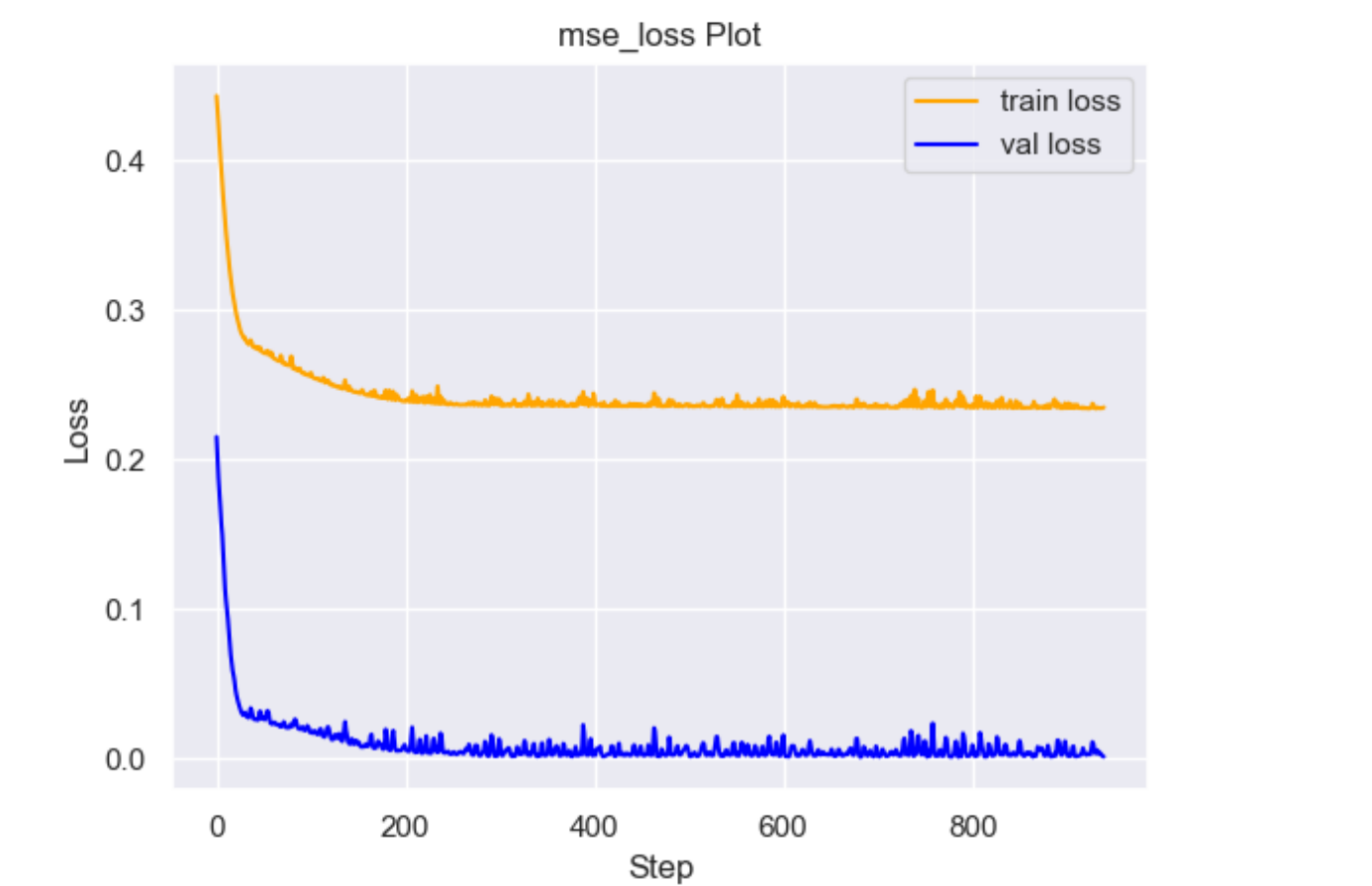
Metrics:

type	r2	mse	max_error	ise	kl	evs
Target	-0.171745494	0.2435101045	1.3465800785	0.1217550523	0.5980160547	-0.1675084567
Model	0.9924	0.0012	0.076	0.038	0.0212	0.9926

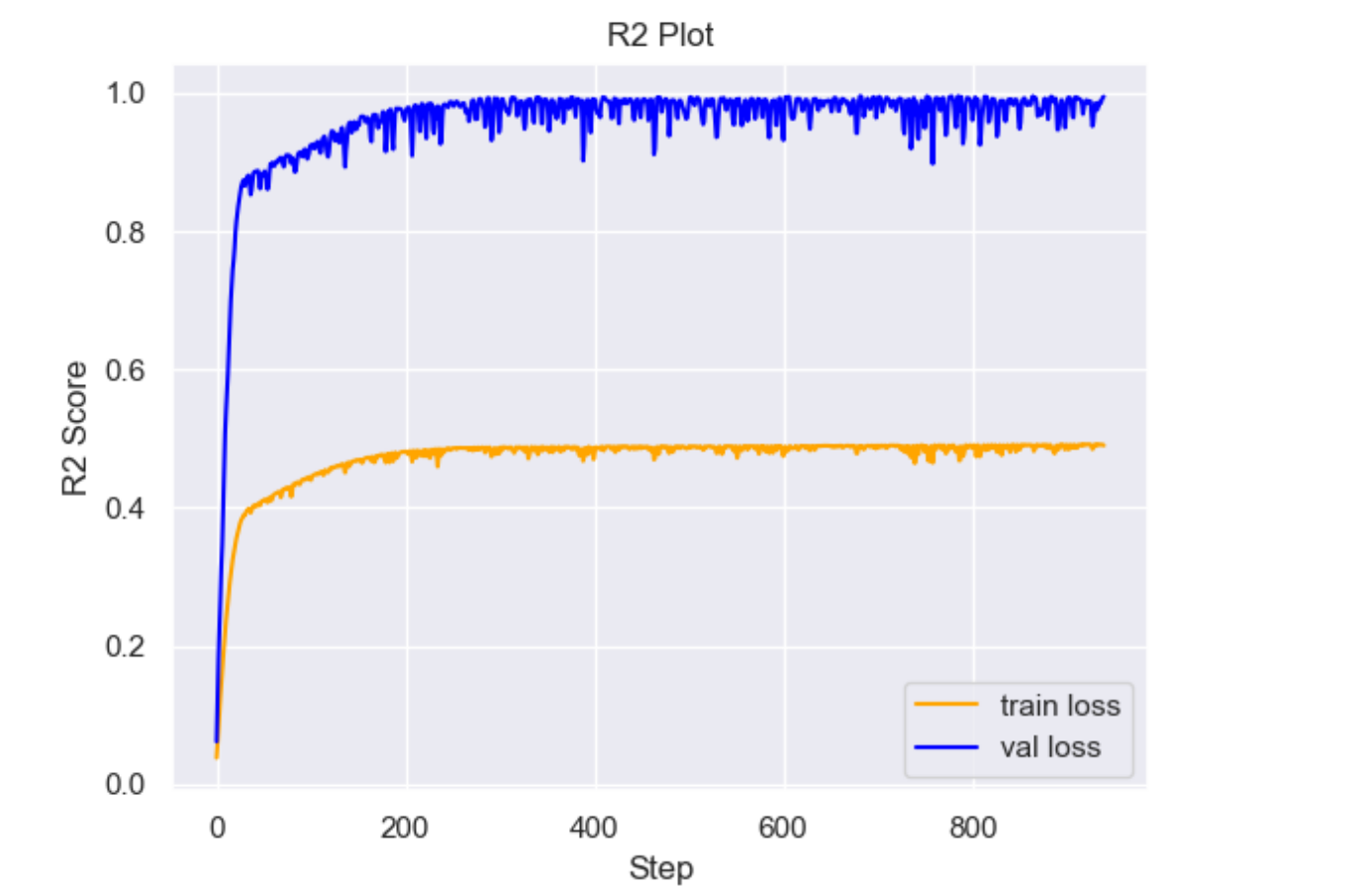
Plot Prediction



Loss Plot



Training Metric Plot



Dataset

► PDF set as default **EXPONENTIAL_06**

Dimension 1

type	rate	weight
exponential	0.6	1
KEY		VALUE
dimension		1
seed		2
n_samples_training		50
n_samples_test		3175
n_samples_val		50
notes		

Target

- Using GNN Target
- All Params used in the model for generate the target for the MLP

KEY	VALUE
n_init	30
max_iter	30
n_components	8
random_state	73
init_params	k-means++

Model

using model GNN

Model Params:

► All Params used in the model

KEY	VALUE
dropout	0.0
hidden_layer	[(26, Sigmoid())]
last_activation	None

► Model Architecture

NeuralNetworkModular((dropout): Dropout(p=0.0, inplace=False) (output_layer): Linear(in_features=26, out_features=1, bias=True) (layers): ModuleList((0): Linear(in_features=1, out_features=26, bias=True)) (activation): ModuleList((0): Sigmoid()))

Training

► All Params used for the training

KEY	VALUE
learning_rate	0.00924
epochs	940
loss_type	mse_loss
optimizer	Adam
batch_size	34