

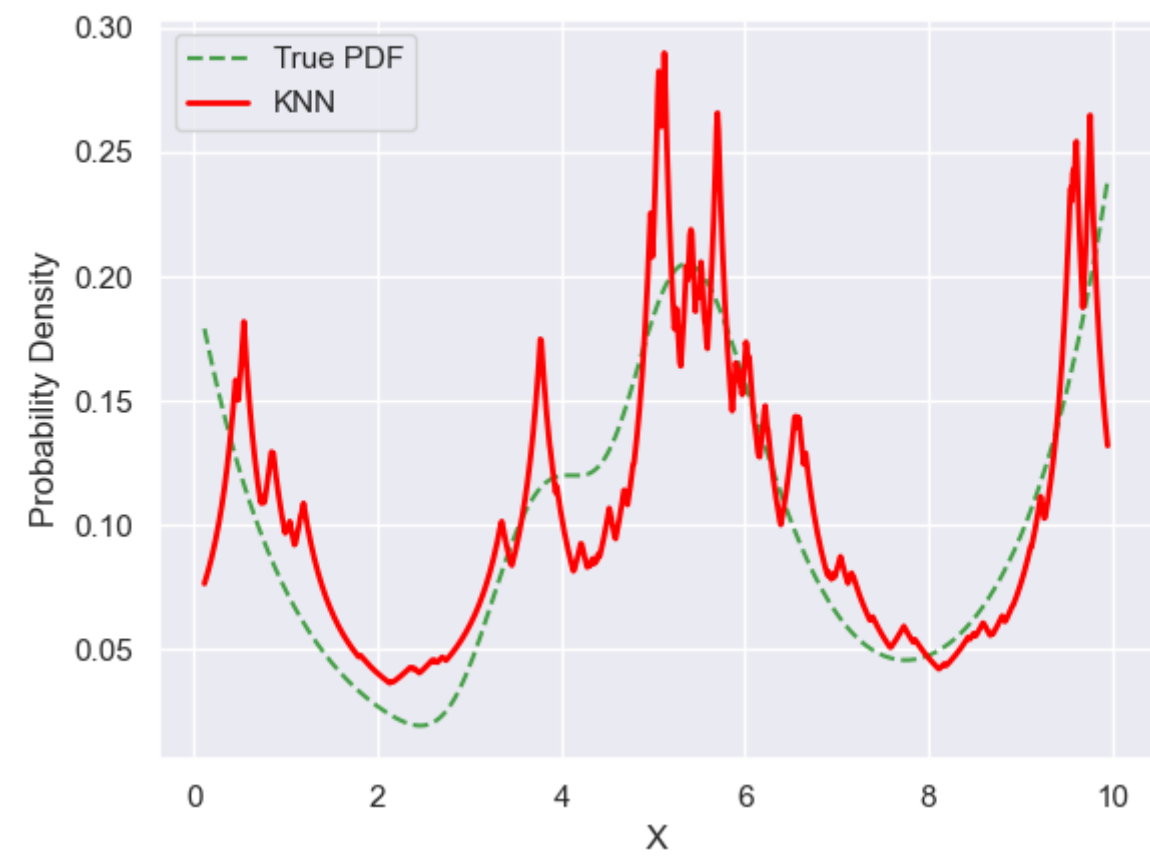
Experiment Details Experiment S100

from experiment with KNN on 2024-05-23 18-04

Metrics:

| type | r2 | mse | max_error | ise | kl | evs |
|-------|--------|--------|-----------|---------|--------|--------|
| Model | 0.7298 | 0.0008 | 0.1069 | 59.8825 | 0.1609 | 0.7424 |

Plot Prediction



Dataset

► PDF set as default **MULTIVARIATE_1254**

Dimension 1

| type | rate | weight | |
|-------------|------|--------|------|
| exponential | 1 | 0.2 | |
| logistic | 4 | 0.8 | 0.25 |

| type | rate | weight | |
|--------------------|------|--------|-----|
| logistic | 5.5 | 0.7 | 0.3 |
| exponential | -1 | 0.25 | -10 |
| KEY | | VALUE | |
| dimension | | 1 | |
| seed | | 37 | |
| n_samples_training | | 100 | |
| n_samples_test | | 985 | |
| n_samples_val | | 0 | |
| notes | | | |

Model

using model KNN

Model Params:

► All Params used in the model

| KEY | VALUE |
|-----|--------------------|
| k1 | 1.0629486988132157 |
| kn | 23 |

► Model Architecture

KNN_Model(k1=1.0629486988132157, kn=10, training=array([9.375019 , 4.89003 , 7.043401 , 4.748877 , 5.748054 , 5.605426 , 6.239142 , 5.282705 , 1.641122 , 3.493585 , 4.750192 , 8.015665 , 0.5006845, 9.587764 , 0.8132093, 9.651385 , 5.882876 , 6.88925 , 2.858302 , 5.293085 , 6.54212 , 0.2657254, 1.531607 , 1.506608 , 0.4734116, 3.83722 , 1.223035 , 0.5484621, 9.784623 , 4.383124 , 6.552904 , 5.888731 , 9.298379 , 7.810104 , 6.600198 , 9.338509 , 8.173691 , 5.240142 , 4.883665 , 5.641452 , 5.511702 , 4.965811 , 5.190994 , 7.525979 , 9.414033 , 9.657895 , 4.988422 , 4.951302 , 6.273207 , 6.338143 , 7.775173 , 3.791577 , 3.496196 , 6.552608 , 0.3022147, 8.570589 , 1.646756 , 5.63117 , 3.683106 , 4.252203 , 5.754482 , 5.763502 , 9.948655 , 3.714111 , 0.1416469, 4.056597 , 3.679692 , 6.298438 , 9.571859 , 5.835233 , 5.729426 , 3.518163 , 0.1106241, 1.238817 , 5.517597 , 7.60978 , 9.756414 , 0.684745 , 1.189607 , 8.774345 , 0.7314637, 9.668651 , 5.21973 , 0.4543669, 6.468749 , 3.763526 , 9.799669 , 3.564373 , 0.7663018, 4.9125 , 9.371791 , 5.182179 , 6.928803 , 7.578432 , 5.23332 , 5.118826 , 9.754563 , 6.202972 , 9.7777 , 0.7636761]))