

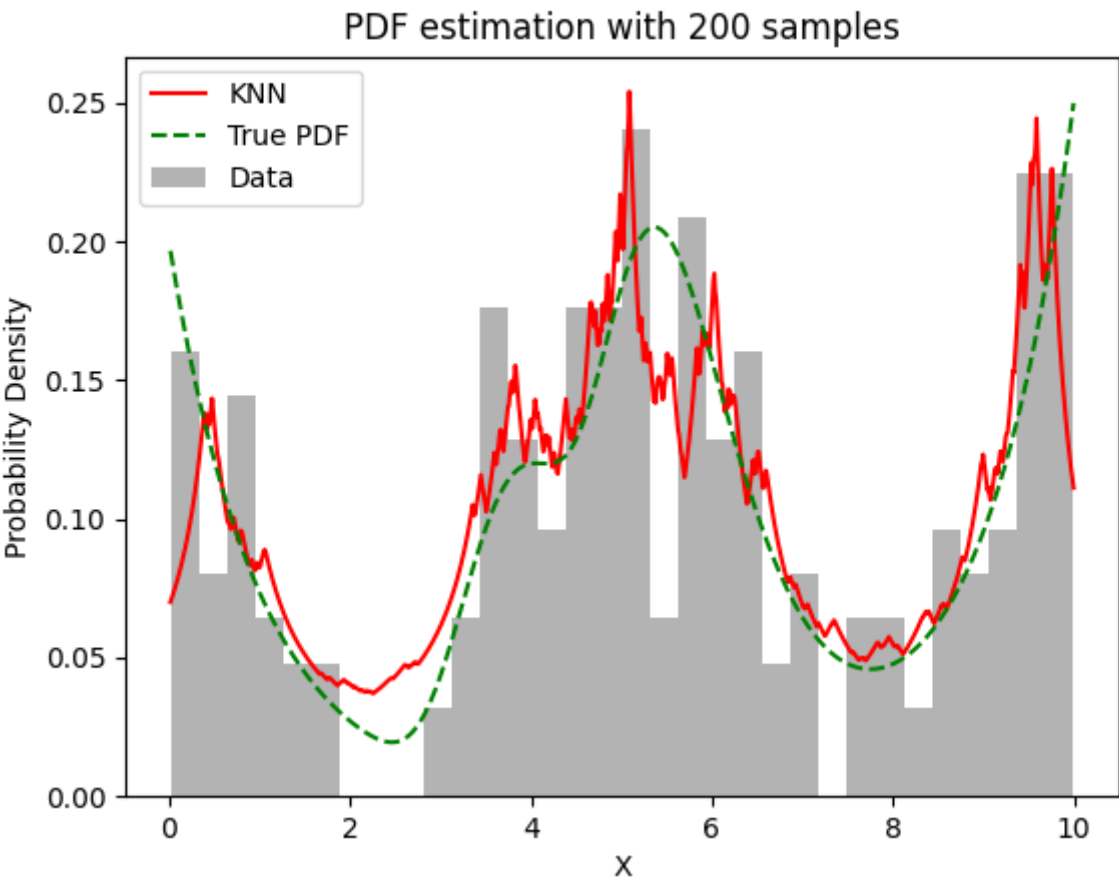
# Experiment Details Experiment S200

from experiment with KNN on 2024-04-23 11-26

## Metrics:

type	r2	mse	max_error	ise	kl	evs
Model	0.7404	0.0008	0.1388	55.7257	0.1627	0.7438

## 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		0	
n_samples_training		200	
n_samples_test		999	
n_samples_val		0	
notes			

Model

using model KNN

Model Params:

► All Params used in the model

KEY	VALUE
k1	1.5005508828032745
kn	23

► Model Architecture

KNN\_Model(k1=1.5005508828032745, kn=21, 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 , 0.8401794 , 4.376027 , 4.129371 , 4.951649 , 9.175507 , 3.177935 , 8.693482 , 9.137634 , 5.587714 , 9.680427 , 5.12377 , 4.678642 , 8.702384 , 7.086371 , 2.994751 , 6.625451 , 4.600028 , 5.08955 , 1.344547 , 0.1187029 , 6.298539 , 0.1964849 , 4.567333 , 4.118461 , 3.899386 , 3.801121 , 3.269567 , 9.898566 , 9.608489 , 7.923205 , 4.413561 , 0.7258385 , 5.078392 , 4.748111 , 8.585232 , 3.71419 , 9.961235 , 5.829023 , 8.865982 , 0.2565272 , 9.974293 , 8.160622 , 0.7625968 , 3.699878 , 0.13391 , 9.024825 , 4.456761 , 4.501014 , 0.9769311 , 6.025025 , 4.371906 , 5.789281 , 4.510388 , 9.421297 , 6.156418 , 6.155267 , 7.81119 , 5.056887 , 9.987814 , 6.209549 , 3.372917 , 4.41234 , 5.006307 , 9.372733 , 5.059171 , 0.7000352 , 1.59945 , 8.851571 , 3.613627 , 0.05502021 , 4.427593 , 9.607844 , 3.673829 , 5.228292 ,

3.856003 , 9.313694 , 4.020111 , 6.525383 , 6.250846 , 9.917333 , 6.579155 , 8.992554 , 9.700784 , 5.863385 ,  
8.717772 , 6.155552 , 9.680381 , 9.402754 , 0.01652273, 0.3595863 , 4.16437 , 5.830674 , 9.524585 , 6.093812 ,  
8.55049 , 4.843029 , 9.149315 , 7.072561 , 3.435779 , 4.680307 j))