3 KNN Regression

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1 K-NN regression

1.1 Implementation and Cheat Sheet

This page documents the summary theory and implementation of K-NN regression.

```
[1]: import pandas as pd
     import os
     import numpy as np
     import re
     import csv
     from IPython.display import display, Math, Latex
     from sklearn import datasets, linear_model
     import matplotlib.pyplot as plt
     %matplotlib inline

     def load_csv_data(folder_name, file_name, dtype_dict=None):
         csv_path = os.path.join(folder_name, file_name+".csv")
         return pd.read_csv(csv_path, dtype=dtype_dict)
```

1.2 Loading data

```
[2]: dtype_dict = {'bathrooms':float, 'waterfront':int, 'sqft_above':int, \
                   'sqft_living15':float, 'grade':int, 'yr_renovated':int, \
                   'price':float, 'bedrooms':float, 'zipcode':str, \
                   'long':float, 'sqft_lot15':float, 'sqft_living':float, \
                   'floors':str, 'condition':int, 'lat':float, 'date':str, \
                   'sqft_basement':int, 'yr_built':int, 'id':str, 'sqft_lot':int,␣
     ↪'view':int}
```

```python
[3]: def dataframe_prepare(dataframe,features,target):
         dataframe["constant"]=1
         one_padded_features=["constant"]
         one_padded_features.extend(features)
         X = dataframe[one_padded_features].values
         Y = dataframe[target].values
         return X,Y
```

```python
[4]: df_features_train = load_csv_data("data","kc_house_data_small_train",dtype_dict)
     df_features_test = load_csv_data("data","kc_house_data_small_test",dtype_dict)
     df_features_valid =␣
      ↪load_csv_data("data","kc_house_data_small_validation",dtype_dict)

     simple_features =␣
      ↪['bedrooms','bathrooms','sqft_living','sqft_lot','waterfront',\
                       ␣
      ↪'view','condition','grade','sqft_above','sqft_basement','yr_built',\
                           'yr_renovated','lat','long','sqft_living15','sqft_lot15']
     X_train,Y_train=dataframe_prepare(df_features_train,simple_features,['price'])
     X_test,Y_test=dataframe_prepare(df_features_test,simple_features,['price'])
     X_valid,Y_valid=dataframe_prepare(df_features_valid,simple_features,['price'])
```

1.3 Normalizing features

```python
[5]: def normalize_features(X):
         norms = np.linalg.norm(X, axis=0)
         X_normalized = X / norms
         return (X_normalized, norms)
```

```python
[6]: X_train_normalized, norms = normalize_features(X_train)
     X_test_normalized = X_test / norms
     X_valid_normalized = X_valid / norms
```

1.4 K-NN Algorithm

```python
[7]: def compute_distances(features_instances, features_query):
         diff=features_instances - features_query
         distances = np.sqrt(np.sum((diff)**2,axis=1))
         return distances
```

```python
[8]: def k_nearest_neighbors(k, feature_train, features_query,print_steps):
         distances = compute_distances(feature_train, features_query)
         if(print_steps):
             print("distances: "+str(distances))
```

```
        idx = np.argsort(distances) #idx[0] is smallest
        if(print_steps):
            print("sorted indices: "+str(idx))
        neighbors = idx[0:k]
        if(print_steps):
            print("selected indices: "+str(neighbors))
        return neighbors
```

```
[9]: def predict_output_of_query(k, features_train, output_train, query_set,␣
     ↪print_steps=False):
         prediction_list=[]
         for i in range(query_set.shape[0]):
             if(print_steps):
                 print("query set: "+str(query_set[i,:]))
             neighbors= k_nearest_neighbors(k, features_train, query_set[i,:
     ↪],print_steps)
             selected_outputs = output_train[neighbors]
             if(print_steps):
                 print("selected outputs: "+str(selected_outputs))
             prediction = np.mean(selected_outputs)
             if(print_steps):
                 print("Predicted value: "+str(prediction))
             prediction_list.append(prediction)
             if(print_steps):
                 print(" ")
         return prediction_list
```

1.4.1   Testing the algorithm on a toy dataset

XX has 4 2D datapoints, each corresponding to a target value in YY. Given a query_set of new datapoints, the $k = 2$ nearest datapoints are selected, and the average of their target values are reported as the regression results for each of the query datapoints.

```
[10]: XX= np.array([[1,2],[1,3],[4,5],[9,10]])
      print(XX)
```

```
[[ 1  2]
 [ 1  3]
 [ 4  5]
 [ 9 10]]
```

```
[11]: YY = np.array([[2],[3],[4],[9]])
      print(YY)
```

```
[[2]
 [3]
```

```
[4]
[9]]
```

```
[12]: query_set = np.array([[1,2],[8.7,8.8]])
      prediction_list=predict_output_of_query(2, XX, YY, query_set, print_steps=True)
```

```
query set: [1. 2.]
distances: [ 0.          1.          4.24264069 11.3137085 ]
sorted indices: [0 1 2 3]
selected indices: [0 1]
selected outputs: [[2]
 [3]]
Predicted value: 2.5

query set: [8.7 8.8]
distances: [10.27277957  9.64002075  6.04400529  1.23693169]
sorted indices: [3 2 1 0]
selected indices: [3 2]
selected outputs: [[9]
 [4]]
Predicted value: 6.5
```

1.4.2   Testing the algorithm on a large dataset

Using the dataset preprocessed above.

```
[13]: prediction_list=predict_output_of_query(10, X_train_normalized, Y_train,
      ↪X_test_normalized,print_steps=True)
```

```
query set: [ 0.01345102  0.01551285  0.01807473  0.01759212  0.00160518  0.
  0.05102365  0.0116321   0.01564352  0.01362084  0.02481682  0.01350306
  0.          0.01345387 -0.01346922  0.01375926  0.0016225 ]
distances: [0.05966815 0.08546881 0.0609051  … 0.05716729 0.05705739
0.05784207]
sorted indices: [3758 3144 4208 … 1107 5226 2486]
selected indices: [3758 3144 4208 5038 4614 4695 1495  507 1648 4039]
selected outputs: [[ 635000.]
 [1340000.]
 [1260000.]
 [ 460000.]
 [ 612000.]
 [1230000.]
 [ 695000.]
 [ 345000.]
 [ 545000.]
 [ 960000.]]
```

4

```
Predicted value: 808200.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00954149  0.00138046  0.
  0.          0.01550947  0.01216718  0.01100674  0.          0.0130732
  0.          0.01348029 -0.0134657   0.01035159  0.00174419]
distances: [0.00694764 0.06831362 0.01385434 … 0.01307039 0.01464324
0.01087014]
sorted indices: [4670 1385 4834 … 1107 5226 2486]
selected indices: [4670 1385 4834 4033 2226  887 4700 4679 1127 1847]
selected outputs: [[625000.]
 [366350.]
 [320000.]
 [282500.]
 [426250.]
 [355000.]
 [265000.]
 [430000.]
 [618000.]
 [435000.]]
Predicted value: 412310.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00906442  0.00204821  0.
  0.          0.0116321   0.01216718  0.00543458  0.01867657  0.01329154
  0.          0.01348883 -0.01346141  0.00977293  0.00252907]
distances: [0.01954476 0.0680781  0.02165079 … 0.02279099 0.02480163
0.02012123]
sorted indices: [ 382 1149 4087 … 1107 5226 2486]
selected indices: [ 382 1149 4087 3142 2751 4556 3372 4584 1666 2283]
selected outputs: [[249000.]
 [477000.]
 [499950.]
 [430000.]
 [250000.]
 [560000.]
 [350000.]
 [340000.]
 [750000.]
 [700000.]]
Predicted value: 460595.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00650014  0.00096311  0.
  0.          0.01550947  0.01390535  0.00749834  0.          0.0131619
  0.          0.0134871  -0.01346922  0.01009441  0.00206058]
distances: [0.00466099 0.06884396 0.01057509 … 0.01527635 0.01797219
0.01075067]
sorted indices: [1152 1984 4263 … 1107 5226 2486]
selected indices: [1152 1984 4263 4817 2039  330 1898 2493 1474 2409]
selected outputs: [[690000.]
```

```
 [540000.]
 [457000.]
 [344950.]
 [355200.]
 [130000.]
 [239000.]
 [410000.]
 [350000.]
 [201500.]]
Predicted value: 371765.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01365626  0.00430702  0.
  0.          0.01550947  0.01564352  0.01575339  0.          0.01351671
  0.          0.01346745 -0.01344457  0.01723122  0.00555098]
distances: [0.01780609 0.06801819 0.01954842 … 0.00754394 0.00598504
0.01325242]
sorted indices: [1571  343 1003 … 1107 5226 2486]
selected indices: [1571  343 1003 1521 2749 4721 4461 2894 3238 2782]
selected outputs: [[350000.]
 [747500.]
 [375000.]
 [925000.]
 [998000.]
 [808000.]
 [870000.]
 [825000.]
 [690000.]
 [305000.]]
Predicted value: 689350.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01622053  0.00354713  0.
  0.          0.0116321   0.01738169  0.01871145  0.          0.01357129
  0.          0.01345673 -0.01344908  0.01768129  0.00448175]
distances: [0.02026127 0.06810003 0.02251925 … 0.00782499 0.00391314
0.01520402]
sorted indices: [3538 2682 2179 … 1107 5226 2486]
selected indices: [3538 2682 2179 3165 2543 4403 3585  356 3174 5231]
selected outputs: [[695000.]
 [715000.]
 [594950.]
 [728000.]
 [755000.]
 [379000.]
 [740000.]
 [690000.]
 [627250.]
 [750000.]]
Predicted value: 667420.0
```

query set: [0.01345102 0.01551285 0.01506227 0.01335809 0.00149218 0.
  0.   0.0116321   0.01216718 0.01540943 0.   0.01368047
  0.   0.01338781 -0.01345623 0.01428005 0.00184843]
distances: [0.0149114   0.06755403 0.01842517 … 0.00430683 0.00477847
0.00907733]
sorted indices: [3290 3483 3374 … 1107 5226 2486]
selected indices: [3290 3483 3374 4470 1729 3229 5110 5486 856 1685]
selected outputs: [[291375.]
 [339995.]
 [280000.]
 [419950.]
 [332500.]
 [425000.]
 [320000.]
 [337500.]
 [414000.]
 [340000.]]
Predicted value: 350032.0

query set: [0.01345102 0.00775643 0.00602491 0.01204613 0.00215736 0.
  0.   0.0116321   0.01216718 0.006948   0.02584019 0.01329154
  0.   0.01344709 -0.01345997 0.01105884 0.0027258]
distances: [0.02674873 0.069378   0.02778105 … 0.02928751 0.03106799
0.02825138]
sorted indices: [2642 2813 3803 … 1107 5226 2486]
selected indices: [2642 2813 3803   18 1728 1822 2891 4417 4056 2865]
selected outputs: [[680000.]
 [315000.]
 [730000.]
 [585000.]
 [340000.]
 [500007.]
 [485000.]
 [435000.]
 [608000.]
 [450000.]]
Predicted value: 512800.7

query set: [0.01345102 0.01939106 0.01355605 0.01586273 0.00269671 0.
  0.   0.01938684 0.01216718 0.0182987   0.   0.01338025
  0.   0.01337454 -0.01344875 0.010223   0.00331193]
distances: [0.01905201 0.06826887 0.02458498 … 0.01261818 0.01133053
0.01563425]
sorted indices: [159 3312 4863 … 1107 5226 2486]
selected indices: [159 3312 4863 1466 978 3191 4167 4078 4449 4389]
selected outputs: [[650000.]
 [305000.]

```
 [720000.]
 [310000.]
 [635000.]
 [648000.]
 [779000.]
 [500000.]
 [365000.]
 [399000.]]
Predicted value: 531100.0


query set: [ 0.01345102  0.01163464  0.02108718  0.00948186  0.00035378  0.
  0.          0.0116321   0.01390535  0.01093795  0.          0.01371458
  0.          0.01348527 -0.01346614  0.01041589  0.00128421]
distances: [0.0158227  0.06815738 0.0192907  … 0.00975742 0.01278188 0.0061143
]
sorted indices: [1291 4749 1441 … 1107 5226 2486]
selected indices: [1291 4749 1441 4571 2402 2639 5157 5514 4737 3361]
selected outputs: [[469950.]
 [530000.]
 [500000.]
 [319950.]
 [429000.]
 [401000.]
 [602000.]
 [610950.]
 [387500.]
 [322000.]]
Predicted value: 457235.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00960112  0.00095733  0.
  0.          0.01550947  0.01216718  0.01107553  0.          0.01313461
  0.          0.01345828 -0.01346031  0.01035159  0.00163873]
distances: [0.00704388 0.06831384 0.01397778 … 0.01305031 0.0146162
0.01083058]
sorted indices: [1385 4670 4834 … 1107 5226 2486]
selected indices: [1385 4670 4834 2226 4033 4700  887 4679   57 1127]
selected outputs: [[366350.]
 [625000.]
 [320000.]
 [426250.]
 [282500.]
 [265000.]
 [355000.]
 [430000.]
 [615000.]
 [618000.]]
Predicted value: 430310.0
```

```
query set: [ 0.01345102  0.00775643  0.00602491  0.00661941  0.00102732  0.
  0.          0.0116321   0.01216718  0.00763592  0.          0.01313461
  0.          0.01347152 -0.01346735  0.00752259  0.00146025]
distances: [0.00424202 0.06887952 0.01095289 … 0.0162137  0.0199049
0.01100926]
sorted indices: [4717 1505   84 … 1107 5226 2486]
selected indices: [4717 1505   84 1710 3334 1227  800 4781 2637 3752]
selected outputs: [[552700.]
 [440000.]
 [415000.]
 [430000.]
 [325000.]
 [210000.]
 [660000.]
 [210000.]
 [370000.]
 [420000.]]
Predicted value: 403270.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01329845  0.00321871  0.
  0.          0.0116321   0.01390535  0.00983727  0.02046748  0.01347577
  0.          0.01348026 -0.01344479  0.01433792  0.00378854]
distances: [0.02361783 0.06763488 0.02468719 … 0.02142336 0.02248277
0.02185498]
sorted indices: [1511 3655 1077 … 1107 5226 2486]
selected indices: [1511 3655 1077 2628 2859 1874 2791 1992 2926 3668]
selected outputs: [[490000.]
 [530000.]
 [432500.]
 [524000.]
 [300000.]
 [343000.]
 [665000.]
 [570000.]
 [268000.]
 [200126.]]
Predicted value: 432262.6


query set: [ 0.01345102  0.00775643  0.00903736  0.00429367  0.00164371  0.
  0.          0.0116321   0.01042901  0.00495303  0.          0.01333248
  0.          0.01343985 -0.01346724  0.00739399  0.00104083]
distances: [0.00691098 0.06931465 0.01089164 … 0.01778188 0.02172583
0.01121352]
sorted indices: [2600 2449 3492 … 1107 5226 2486]
selected indices: [2600 2449 3492 5153 1572 4235 3240 3678 1990 4481]
selected outputs: [[305000.]
 [615000.]
 [216000.]
```

```
 [205000.]
 [275000.]
 [442000.]
 [225000.]
 [248500.]
 [342000.]
 [350000.]]
Predicted value: 322350.0


query set: [ 0.01345102  0.01551285  0.01506227  0.02003713  0.00246716  0.
  0.          0.0116321   0.01564352  0.02311415  0.          0.01365317
  0.          0.01341583 -0.01344016  0.01967445  0.00266374]
distances: [0.02501339 0.06873572 0.02703621 … 0.01195538 0.00841907
0.02002637]
sorted indices: [5125  394 2489 … 1107 5226 2486]
selected indices: [5125  394 2489 2703 5364  570 3275 3875 5248 1246]
selected outputs: [[648000.]
 [810000.]
 [680000.]
 [715000.]
 [757500.]
 [760000.]
 [936000.]
 [765000.]
 [799000.]
 [475000.]]
Predicted value: 734550.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00846807  0.00295064  0.
  0.03401577  0.01938684  0.01216718  0.00976848  0.          0.01315508
  0.          0.01348965 -0.01346317  0.00912998  0.00276474]
distances: [0.0357091  0.07641848 0.03690171 … 0.03655044 0.03808318
0.03546101]
sorted indices: [3076 3986 1316 … 1107 5226 2486]
selected indices: [3076 3986 1316 2318 3304 1357 1800 2527 1727 1743]
selected outputs: [[715000.]
 [295000.]
 [678500.]
 [255000.]
 [580000.]
 [220000.]
 [750000.]
 [735000.]
 [243000.]
 [763000.]]
Predicted value: 523450.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01467004  0.00142059  0.
```

```
    0.          0.0116321   0.01390535  0.01692286  0.          0.01368729
    0.          0.0134916  -0.01343994  0.01922438  0.00229543]
distances: [0.01866444 0.06800207 0.01995162 … 0.0062924  0.00356965
0.01337163]
sorted indices: [5171  137 4339 … 1107 5226 2486]
selected indices: [5171  137 4339 4165  629 4072   10   49 2966 2530]
selected outputs: [[778983.]
 [480000.]
 [600000.]
 [598500.]
 [306000.]
 [640000.]
 [719000.]
 [807100.]
 [359900.]
 [605000.]]
Predicted value: 589448.3

query set: [ 0.01345102  0.00775643  0.00602491  0.00459184  0.00161802  0.
  0.          0.0116321   0.00869084  0.00529699  0.          0.01316873
  0.          0.01346094 -0.01346086  0.00855131  0.00104651]
distances: [0.00653311 0.06949809 0.00950657 … 0.01867715 0.02247074
0.01324723]
sorted indices: [ 837 1990 1651 … 1107 5226 2486]
selected indices: [ 837 1990 1651 4813  734 3492  776 4617 4949 1572]
selected outputs: [[296000.]
 [342000.]
 [405000.]
 [405000.]
 [205000.]
 [216000.]
 [156000.]
 [180500.]
 [151000.]
 [275000.]]
Predicted value: 263150.0

query set: [ 0.01345102  0.01163464  0.01054359  0.0142526   0.00192622  0.
  0.          0.0116321   0.01042901  0.00853022  0.029422    0.01301862
  0.          0.01344392 -0.01345744  0.01298771  0.00243375]
distances: [0.03099326 0.06964843 0.03205518 … 0.03085312 0.03189511
0.03073441]
sorted indices: [1431 2508 2293 … 1107 5226 2486]
selected indices: [1431 2508 2293  527 1679 2324 4056 3633 4660 4469]
selected outputs: [[420000.]
 [475000.]
 [603500.]
 [875000.]
```

```
 [425000.]
 [575000.]
 [608000.]
 [515000.]
 [315000.]
 [285000.]]
Predicted value: 509650.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01311955  0.00280907  0.
  0.          0.01550947  0.01216718  0.00770472  0.0276311   0.01340072
  0.          0.01342689 -0.01346504  0.00938716  0.00411263]
distances: [0.02961932 0.06929323 0.03159686 … 0.02963138 0.0308937  0.0287447
]
sorted indices: [3786 1724 3150 … 1107 5226 2486]
selected indices: [3786 1724 3150  516 1876 3112 2161 1222 5012 2150]
selected outputs: [[667500.]
 [580000.]
 [367950.]
 [555000.]
 [520500.]
 [335000.]
 [380000.]
 [475000.]
 [575000.]
 [549950.]]
Predicted value: 500590.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01544529  0.0045112   0.
  0.          0.01938684  0.01390535  0.01183224  0.02225838  0.01329154
  0.          0.01350034 -0.0134646   0.01009441  0.00331071]
distances: [0.02626596 0.06817903 0.02891157 … 0.02472757 0.02565311
0.02512054]
sorted indices: [ 546 1886  703 … 1107 5226 2486]
selected indices: [ 546 1886  703 2292 2236  484 1478 1319  418 5012]
selected outputs: [[399950.]
 [365000.]
 [645000.]
 [552500.]
 [380000.]
 [411800.]
 [652000.]
 [389000.]
 [285000.]
 [575000.]]
Predicted value: 465525.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01669761  0.002167    0.
  0.          0.0116321   0.01564352  0.01300171  0.02328176  0.01331201
```

```
    0.06687568   0.01348148 -0.01345821   0.01523806   0.00248243]
distances: [0.07368582 0.01671349 0.07444006 … 0.0713183   0.07122808
0.07189108]
sorted indices: [1017 4915 3827 … 1107 5226 2486]
selected indices: [1017 4915 3827   830 1485    37 4479 4132 1594 1956]
selected outputs: [[ 825050.]
 [ 930000.]
 [ 925000.]
 [ 855000.]
 [ 860000.]
 [1450000.]
 [ 770000.]
 [1307000.]
 [ 885000.]
 [ 925000.]]
Predicted value: 973205.0

query set: [ 0.01345102   0.01163464   0.0165685    0.01747285   0.00178785  0.
  0.          0.0116321    0.01564352   0.01279533   0.02737525   0.01367364
  0.          0.01350857 -0.013446     0.01658826   0.00448013]
distances: [0.03274018 0.06915609 0.03360776 … 0.02804932 0.02824244
0.02986839]
sorted indices: [2299 5169 3628 … 1107 5226 2486]
selected indices: [2299 5169 3628 5227 3950 2803   695 4776 5049 1405]
selected outputs: [[ 479950.]
 [1300000.]
 [ 469950.]
 [ 798800.]
 [ 745000.]
 [ 757000.]
 [1150000.]
 [ 946000.]
 [ 495000.]
 [ 280500.]]
Predicted value: 742220.0

query set: [ 0.01345102   0.01163464   0.01506227   0.01455077   0.00184596  0.
  0.03401577   0.0116321    0.01564352   0.01362084   0.0117688    0.01364635
  0.          0.01345206 -0.01346988   0.00977293   0.00233234]
distances: [0.03843851 0.07484358 0.04062549 … 0.0364262   0.03695963
0.03664421]
sorted indices: [2846 3822 4633 … 1107 5226 2486]
selected indices: [2846 3822 4633 4158   132   900 3789 1577 2338 4051]
selected outputs: [[500000.]
 [855000.]
 [449500.]
 [490000.]
 [460000.]
```

```
 [625000.]
 [638000.]
 [510000.]
 [560000.]
 [294950.]]
Predicted value: 538245.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01645907  0.00364055  0.
  0.          0.01550947  0.01564352  0.01898662  0.          0.01349624
  0.          0.01342715 -0.01344347  0.01588101  0.00459979]
distances: [0.02091283 0.06829755 0.02433387 … 0.01041395 0.00652515
0.01633511]
sorted indices: [3456 4167 3238 … 1107 5226 2486]
selected indices: [3456 4167 3238 4308 3191 1521 4461  828 4666  453]
selected outputs: [[ 382000.]
 [ 779000.]
 [ 690000.]
 [ 730000.]
 [ 648000.]
 [ 925000.]
 [ 870000.]
 [1306000.]
 [ 469900.]
 [ 372000.]]
Predicted value: 717190.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01097271  0.01298207  0.
  0.          0.0116321   0.01216718  0.01265775  0.          0.01360541
  0.          0.01342952 -0.01339592  0.00887279  0.01786738]
distances: [0.02097316 0.06993001 0.02307018 … 0.02067113 0.02209638
0.02186308]
sorted indices: [ 775 2548 2350 … 1107 5226 2486]
selected indices: [ 775 2548 2350 2495 4410  162 3850 2597 4823 1645]
selected outputs: [[387000.]
 [285000.]
 [570000.]
 [259500.]
 [476800.]
 [265000.]
 [500000.]
 [539000.]
 [316000.]
 [320000.]]
Predicted value: 391830.0


query set: [ 0.01345102  0.01163464  0.01807473  0.00948186  0.00248803  0.
  0.          0.0116321   0.01216718  0.00729196  0.0135597   0.01362588
  0.          0.01339476 -0.0134329   0.01080166  0.00304219]
```

distances: [0.01848254 0.06743463 0.02050625 … 0.01723679 0.01953329
0.01476182]
sorted indices: [3247 2596 4975 … 1107 5226 2486]
selected indices: [3247 2596 4975 1795 1429 1183 5294 1407 3581 2592]
selected outputs: [[310000.]
 [245000.]
 [269950.]
 [295000.]
 [210000.]
 [465000.]
 [480000.]
 [266000.]
 [640000.]
 [419990.]]
Predicted value: 360094.0

query set: [0.01345102 0.01163464 0.01506227 0.00954149 0.0086606   0.
  0.   0.0116321   0.01390535 0.01100674 0.   0.01368047
  0.   0.01351106 -0.01341705 0.01150891 0.01125326]
distances: [0.01532961 0.06847913 0.01718522 … 0.01318474 0.01526853
0.01361203]
sorted indices: [4327 2548 1853 … 1107 5226 2486]
selected indices: [4327 2548 1853 2495 1645 662 671 4918 2350 1297]
selected outputs: [[482000.]
 [285000.]
 [330000.]
 [259500.]
 [320000.]
 [275000.]
 [399950.]
 [229500.]
 [570000.]
 [460000.]]
Predicted value: 361095.0

query set: [0.01345102 0.01551285 0.01506227 0.01150942 0.00223345 0.
  0.   0.0116321   0.01390535 0.01327688 0.   0.01361223
  0.   0.01341414 -0.01344897 0.01343778 0.00283775]
distances: [0.0130446 0.06762015 0.01682819 … 0.00514179 0.00630718
0.00705218]
sorted indices: [3432 1766 4139 … 1107 5226 2486]
selected indices: [3432 1766 4139 2608 4669 4127 3141 3178 1396 1468]
selected outputs: [[420000.]
 [316000.]
 [545000.]
 [295000.]
 [449000.]
 [270000.]

```
 [325000.]
 [348450.]
 [602000.]
 [550000.]]
Predicted value: 412045.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00496754  0.04621222  0.
  0.          0.0116321   0.00869084  0.00573038  0.          0.01368729
  0.          0.01340226 -0.013481    0.00887279  0.05838852]
distances: [0.07180079 0.0989495  0.07046298 … 0.07379322 0.07463434
0.07486901]
sorted indices: [ 439  510 4771 … 1107 5226 2486]
selected indices: [ 439  510 4771 2998 3468 4676  114  284  874 1290]
selected outputs: [[510000.]
 [250000.]
 [375000.]
 [400000.]
 [369000.]
 [276500.]
 [563500.]
 [499000.]
 [150000.]
 [643000.]]
Predicted value: 403600.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01735358  0.01202634  0.
  0.          0.01550947  0.01216718  0.01052519  0.0353064   0.01342119
  0.          0.01349067 -0.013446    0.01620249  0.00742091]
distances: [0.03977939 0.0723939  0.03983604 … 0.03819894 0.03857018
0.03969548]
sorted indices: [1821 4692 3181 … 1107 2486 5226]
selected indices: [1821 4692 3181 3462 3782 3690  518 2046 3893 4161]
selected outputs: [[605000.]
 [525000.]
 [735000.]
 [492000.]
 [459900.]
 [770000.]
 [962000.]
 [460000.]
 [780000.]
 [575000.]]
Predicted value: 636390.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00566526  0.0012713   0.
  0.          0.0116321   0.01216718  0.00653525  0.          0.01324378
  0.          0.01348699 -0.01346504  0.00848702  0.00164278]
distances: [0.00449099 0.06908323 0.00965107 … 0.01680385 0.02047157
```

```
0.01146927]
sorted indices: [ 118 3752 2471 … 1107 5226 2486]
selected indices: [ 118 3752 2471 3540 1710   84 3795 2696  800 2210]
selected outputs: [[375000.]
 [420000.]
 [280000.]
 [415000.]
 [430000.]
 [415000.]
 [337000.]
 [480000.]
 [660000.]
 [427550.]]
Predicted value: 423955.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01311955  0.00130084  0.
  0.          0.0116321   0.01390535  0.01513426  0.          0.01368047
  0.          0.01341564 -0.01344754  0.01485228  0.00206139]
distances: [0.01450031 0.06750135 0.01704694 … 0.00087787 0.00537798
0.00808361]
sorted indices: [ 772 3809 5524 … 1107 5226 2486]
selected indices: [ 772 3809 5524  679 3268  569 3166 5189 5219  341]
selected outputs: [[525000.]
 [589000.]
 [507250.]
 [259000.]
 [340000.]
 [612000.]
 [433500.]
 [324747.]
 [339989.]
 [302495.]]
Predicted value: 423298.1


query set: [ 0.01345102  0.01551285  0.01807473  0.02409226  0.00632442  0.
  0.          0.0116321   0.01911985  0.02779201  0.          0.01355765
  0.          0.01349604 -0.01344192  0.02526817  0.00887792]
distances: [0.03503762 0.07149186 0.03562286 … 0.02210276 0.01885656
0.03025715]
sorted indices: [2477  843  947 … 1107 5226 2486]
selected indices: [2477  843  947 2617 4294 2485 2800 3995 4269 4517]
selected outputs: [[1093000.]
 [2075000.]
 [1905000.]
 [1300000.]
 [ 972000.]
 [ 510000.]
 [1050000.]
```

```
[ 912000.]
[1017100.]
[ 635000.]]
Predicted value: 1146910.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00751392  0.00175286  0.
  0.          0.0116321   0.01216718  0.00866781  0.          0.0134553
  0.          0.01350028 -0.01344776  0.00970864  0.00221471]
distances: [0.00616862 0.06806635 0.01175143 … 0.01098123 0.01449591
0.00476645]
sorted indices: [2149 3037 3149 … 1107 5226 2486]
selected indices: [2149 3037 3149 5461 4848 2758  871  145 2679 1323]
selected outputs: [[200000.]
 [249900.]
 [290000.]
 [295000.]
 [200000.]
 [480000.]
 [275000.]
 [249000.]
 [495000.]
 [250000.]]
Predicted value: 298390.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01103235  0.00235127  0.
  0.          0.0116321   0.01390535  0.01272654  0.          0.01362588
  0.          0.01339694 -0.01343972  0.01350208  0.00297283]
distances: [0.01271446 0.06766654 0.01635599 … 0.00562233 0.00692757
0.00681918]
sorted indices: [3141 3432 4127 … 1107 5226 2486]
selected indices: [3141 3432 4127 3178 1766 4669 4139 1396 2608 2308]
selected outputs: [[325000.]
 [420000.]
 [270000.]
 [348450.]
 [316000.]
 [449000.]
 [545000.]
 [602000.]
 [295000.]
 [450000.]]
Predicted value: 402045.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00960112  0.00565024  0.
  0.          0.0116321   0.01042901  0.01107553  0.          0.01316873
  0.06624099  0.01342958 -0.01345722  0.00842272  0.00525285]
distances: [0.06694108 0.01394415 0.06763674 … 0.06724654 0.06808448 0.0669058
]
```

```
sorted indices: [2793 3283 3880 … 1107 5226 2486]
selected indices: [2793 3283 3880 4566 2521 1358 2970 2925 4355 3022]
selected outputs: [[279900.]
 [327200.]
 [492000.]
 [291750.]
 [487000.]
 [185850.]
 [355000.]
 [475000.]
 [297950.]
 [240000.]]
Predicted value: 343165.0


query set: [ 0.01345102  0.01163464  0.02560587  0.02289958  0.0019779   0.
  0.          0.0116321   0.01738169  0.02641617  0.          0.01364635
  0.          0.01347146 -0.01343499  0.02076748  0.00312696]
distances: [0.03384615 0.07062632 0.03522057 … 0.01914006 0.01717466 0.0263429
]
sorted indices: [5275 5403 1616 … 1107 5226 2486]
selected indices: [5275 5403 1616  406 5438 1076 5092 2589 4095 4502]
selected outputs: [[1060000.]
 [1065000.]
 [ 870000.]
 [ 797000.]
 [ 988990.]
 [ 688000.]
 [ 695000.]
 [ 790000.]
 [1925000.]
 [ 825000.]]
Predicted value: 970399.0


query set: [ 0.01345102  0.01551285  0.0165685   0.0245097   0.00269671  0.
  0.01700788  0.0116321   0.01564352  0.02153193  0.02507266  0.01315508
  0.06724312  0.01349505 -0.01345887  0.01813136  0.00340725]
distances: [0.07845824 0.02696664 0.0793666  … 0.07503376 0.07453126 0.0768121
]
sorted indices: [  86  812 1631 … 1107 5226 2486]
selected indices: [  86  812 1631  312 1982 1273 3054 1196 3618 3621]
selected outputs: [[2050000.]
 [ 350000.]
 [ 775000.]
 [1750000.]
 [ 712500.]
 [ 519000.]
 [1210000.]
 [1490000.]
```

```
[ 740000.]
 [1950000.]]
Predicted value: 1154650.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01127089  0.00096504  0.
  0.          0.0116321   0.01216718  0.01300171  0.          0.01366682
  0.          0.01344672 -0.01342773  0.0101587   0.00121688]
distances: [0.01085848 0.06759651 0.01694365 … 0.00733947 0.00928581 0.0056488
]
sorted indices: [3635  600 4195 … 1107 5226 2486]
selected indices: [3635  600 4195 1525 2454 5264 4013 3859 2020 5057]
selected outputs: [[355000.]
 [815000.]
 [400000.]
 [330000.]
 [175000.]
 [305000.]
 [310000.]
 [585000.]
 [340000.]
 [282000.]]
Predicted value: 389700.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00900478  0.00215415  0.
  0.          0.0116321   0.01216718  0.00736076  0.01125711  0.0134553
  0.          0.0134957  -0.01345172  0.01067307  0.00267713]
distances: [0.01311419 0.06726176 0.01589981 … 0.01559496 0.01815107
0.01253322]
sorted indices: [2650 2457 3453 … 1107 5226 2486]
selected indices: [2650 2457 3453 4456 1400   47 2012  730 4595 2811]
selected outputs: [[525000.]
 [453000.]
 [274000.]
 [241500.]
 [385500.]
 [370000.]
 [250000.]
 [450000.]
 [575000.]
 [186000.]]
Predicted value: 371000.0


query set: [ 0.01345102  0.02326928  0.03012455  0.03607876  0.07404767  0.
  0.05102365  0.0116321   0.01911985  0.04161923  0.          0.01365317
  0.          0.01346289 -0.01342167  0.02706845  0.09490452]
distances: [0.13953194 0.15022627 0.13898882 … 0.13463574 0.13342789
0.13893753]
sorted indices: [4500 3036 2452 … 1107 5226 2486]
```

```
selected indices: [4500 3036 2452 2322 2267 1839 3163 1156 3129 4343]
selected outputs: [[721500.]
 [400000.]
 [395000.]
 [765000.]
 [475000.]
 [440000.]
 [649000.]
 [585000.]
 [432000.]
 [568000.]]
Predicted value: 543050.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00620197  0.00237727  0.
  0.          0.01550947  0.01042901  0.00715438  0.          0.01344848
  0.          0.01338009 -0.01343026  0.0101587   0.00300365]
distances: [0.00478549 0.06889897 0.00952307 … 0.01596076 0.01891088
0.01177515]
sorted indices: [1745  345  932 … 1107 5226 2486]
selected indices: [1745  345  932 4624 1005 4817  330 1592  985 4058]
selected outputs: [[250000.]
 [316000.]
 [385100.]
 [330000.]
 [218000.]
 [344950.]
 [130000.]
 [248000.]
 [215000.]
 [230000.]]
Predicted value: 266705.0

query set: [ 0.01345102  0.01163464  0.01506227  0.03222042  0.00772702
0.15811388
  0.06803154  0.01550947  0.02085802  0.03716838  0.          0.01348259
  0.          0.01341018 -0.01346625  0.02558965  0.04233672]
distances: [0.18222348 0.19187208 0.18231908 … 0.17961774 0.17913049
0.18159938]
sorted indices: [2668 1846  674 … 1107 5226 2486]
selected indices: [2668 1846  674 1011 1122  368 3932 3821 4115 1449]
selected outputs: [[3120000.]
 [3100000.]
 [4500000.]
 [2400000.]
 [2000000.]
 [1700000.]
 [1800000.]
 [2000000.]
```

```
 [1200000.]
 [1517000.]]
Predicted value: 2333700.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01997749  0.00938774  0.
  0.         0.0116321   0.01911985  0.02304536  0.          0.01356447
  0.         0.01349581 -0.01344236  0.02520387  0.0100303 ]
distances: [0.0304603  0.07060329 0.03020958 … 0.0192033  0.01622883
0.02689025]
sorted indices: [3279  440  924 … 1107 5226 2486]
selected indices: [3279  440  924 3935 2477  101 1671 2485 1260 3570]
selected outputs: [[ 782000.]
 [ 825000.]
 [ 775000.]
 [ 890000.]
 [1093000.]
 [ 810000.]
 [1337500.]
 [ 510000.]
 [ 895000.]
 [ 875000.]]
Predicted value: 879250.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01300028  0.00328131  0.
  0.03401577  0.01550947  0.01216718  0.0078423   0.02660772  0.0132779
  0.         0.01345871 -0.01345524  0.01401644  0.00346201]
distances: [0.0443715  0.07706635 0.04480897 … 0.04436526 0.04505224
0.04427223]
sorted indices: [2513  424 2533 … 1107 5226 2486]
selected indices: [2513  424 2533 2762 3556 2094 2645 1841  237 2222]
selected outputs: [[575000.]
 [415000.]
 [689000.]
 [812000.]
 [750000.]
 [555000.]
 [695000.]
 [353000.]
 [285000.]
 [490000.]]
Predicted value: 561900.0


query set: [ 0.01345102  0.02326928  0.01054359  0.01639944  0.00307007  0.
  0.         0.01550947  0.01390535  0.01891783  0.          0.01346212
  0.         0.01347237 -0.01343862  0.0131163   0.00387899]
distances: [0.02006276 0.06865779 0.0251538  … 0.01400827 0.01076931
0.01797217]
sorted indices: [ 733 1360 4167 … 1107 5226 2486]
```

```
selected indices: [ 733 1360 4167 3456  590   94 4425 3191 1466 1014]
selected outputs: [[516250.]
 [823000.]
 [779000.]
 [382000.]
 [302000.]
 [279000.]
 [725000.]
 [648000.]
 [310000.]
 [359950.]]
Predicted value: 512420.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01222503  0.00329736  0.
  0.          0.0116321   0.01216718  0.01410238  0.          0.0136327
  0.          0.01339488 -0.0134362   0.0131806   0.00328678]
distances: [0.01354877 0.06754356 0.01730408 … 0.00522636 0.00648936
0.00821169]
sorted indices: [2308  685 1468 … 1107 5226 2486]
selected indices: [2308  685 1468 3325 2622  467  856 2739 4139 4081]
selected outputs: [[450000.]
 [369990.]
 [550000.]
 [260000.]
 [260000.]
 [279000.]
 [414000.]
 [545000.]
 [545000.]
 [278000.]]
Predicted value: 395099.0

query set: [ 0.01345102  0.01551285  0.01807473  0.01329845  0.03496086  0.
  0.          0.0116321   0.01216718  0.00969969  0.02097917  0.01349624
  0.          0.01343934 -0.01341089  0.01260194  0.02650355]
distances: [0.04840378 0.07887751 0.04812024 … 0.04681978 0.04696078
0.04858432]
sorted indices: [1268 3346 1484 … 1107 5226 2486]
selected indices: [1268 3346 1484 1650 4519 1126 3204 4769 2235 5102]
selected outputs: [[482000.]
 [575000.]
 [435000.]
 [280000.]
 [799000.]
 [327000.]
 [489500.]
 [475000.]
 [291000.]
```

```
 [650000.]]
Predicted value: 480350.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00703685  0.00171754  0.
  0.          0.01550947  0.01042901  0.00811747  0.          0.0133666
  0.          0.01343509 -0.01345645  0.00958004  0.00217009]
distances: [0.00436007 0.0687083  0.01048924 … 0.01524926 0.01821781
0.01110828]
sorted indices: [ 970 1592 2119 … 1107 5226 2486]
selected indices: [ 970 1592 2119 1005 4864 4263 2039 1152  932 2740]
selected outputs: [[210000.]
 [248000.]
 [425000.]
 [218000.]
 [355000.]
 [457000.]
 [355200.]
 [690000.]
 [385100.]
 [443000.]]
Predicted value: 378630.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00995893  0.00207389  0.
  0.          0.0116321   0.01390535  0.01148828  0.          0.01367364
  0.          0.01349372 -0.01343092  0.01395215  0.00253678]
distances: [0.0093329  0.06786665 0.01068695 … 0.00811462 0.01218965 0.0077878
]
sorted indices: [ 649 3122 3148 … 1107 5226 2486]
selected indices: [ 649 3122 3148 2097 4602 1854 2175 1620 1090 4286]
selected outputs: [[509000.]
 [490000.]
 [468000.]
 [335000.]
 [548050.]
 [554000.]
 [509000.]
 [437000.]
 [366000.]
 [558000.]]
Predicted value: 477405.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01150942  0.00163086  0.
  0.          0.01550947  0.01390535  0.01327688  0.          0.01357812
  0.          0.01345331 -0.01342806  0.01408074  0.0020626 ]
distances: [0.01328022 0.06765836 0.01584564 … 0.00499784 0.00816787
0.00707347]
sorted indices: [2675 1880 1447 … 1107 5226 2486]
selected indices: [2675 1880 1447 4373  811 1098 1610 2574 3197 1375]
```

```
selected outputs: [[347500.]
 [325000.]
 [336000.]
 [624950.]
 [299000.]
 [450000.]
 [306500.]
 [319000.]
 [412000.]
 [890000.]]
Predicted value: 430995.0


query set: [ 0.01345102  0.00775643  0.01054359  0.01049564  0.00160518  0.
  0.          0.01550947  0.01216718  0.00646646  0.02097917  0.01314826
  0.          0.01348515 -0.01346889  0.00983723  0.00202813]
distances: [0.02251559 0.06837862 0.02403089 … 0.02469065 0.0269751
0.02271245]
sorted indices: [3862 4755 4388 … 1107 5226 2486]
selected indices: [3862 4755 4388  376 3226 2781 4326 4354 1822 1629]
selected outputs: [[467500.]
 [355000.]
 [423000.]
 [652000.]
 [455000.]
 [582500.]
 [409000.]
 [655000.]
 [500007.]
 [565000.]]
Predicted value: 506400.7


query set: [ 0.01345102  0.01163464  0.01506227  0.0098993   0.00046807  0.
  0.          0.0116321   0.01564352  0.01141949  0.          0.01374187
  0.          0.01345845 -0.01346196  0.01067307  0.00072364]
distances: [0.01102369 0.06777534 0.01582152 … 0.00731647 0.01058407
0.00226854]
sorted indices: [5368 5492 5036 … 1107 5226 2486]
selected indices: [5368 5492 5036 5316  794 5411  163 5093 1750 5351]
selected outputs: [[727000.]
 [495000.]
 [370000.]
 [378000.]
 [580000.]
 [433190.]
 [290000.]
 [545000.]
 [596000.]
 [375000.]]
```

Predicted value: 478919.0

query set: [0.01345102 0.01163464 0.01355605 0.00757356 0.00089569 0.
  0.   0.0116321   0.01216718 0.00681042 0.00716362 0.01344165
  0.   0.01347839 -0.01347153 0.01234476 0.0016225]
distances: [0.01119115 0.06756619 0.01311001 … 0.01327004 0.01624139
0.00897074]
sorted indices: [3496 3542 5511 … 1107 5226 2486]
selected indices: [3496 3542 5511 5463 5362 2385 3287   52 2007 5342]
selected outputs: [[364000.]
 [460000.]
 [530000.]
 [365000.]
 [521500.]
 [439000.]
 [269000.]
 [425000.]
 [443750.]
 [312000.]]
Predicted value: 412925.0

query set: [0.01345102 0.00775643 0.00602491 0.00602307 0.00096311 0.
  0.   0.01550947 0.01216718 0.006948   0.   0.01313461
  0.   0.01343269 -0.01340428 0.00739399 0.00283938]
distances: [0.00591866 0.06913107 0.01140054 … 0.01730395 0.02090461
0.01219868]
sorted indices: [3593 2519 2009 … 1107 5226 2486]
selected indices: [3593 2519 2009 4001 3641 1888 3097 3223 1243 2083]
selected outputs: [[325000.]
 [393000.]
 [315000.]
 [500000.]
 [365000.]
 [406500.]
 [339000.]
 [390000.]
 [350000.]
 [350000.]]
Predicted value: 373350.0

query set: [0.01345102 0.01163464 0.00602491 0.01246357 0.00152653 0.
  0.03401577 0.0116321   0.01390535 0.00825505 0.02277007 0.01343483
  0.   0.01344228 -0.01347054 0.01189469 0.00214981]
distances: [0.04145965 0.07650261 0.04253037 … 0.04266144 0.04339609
0.04220849]
sorted indices: [4573 1491 2094 … 1107 5226 2486]
selected indices: [4573 1491 2094 2337 1841 2645 3921 2222 2660 4616]
selected outputs: [[590000.]

```
  [605000.]
  [555000.]
  [304000.]
  [353000.]
  [695000.]
  [453500.]
  [490000.]
  [650000.]
  [770000.]]
Predicted value: 546550.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00858734  0.00230729  0.
  0.          0.01550947  0.01216718  0.00667283  0.01202464  0.01351671
  0.          0.01337457 -0.01346845  0.00925857  0.00291523]
distances: [0.01419499 0.0675284  0.01733896 … 0.01747388 0.01999093
0.01401142]
sorted indices: [2641 1311 1570 … 1107 5226 2486]
selected indices: [2641 1311 1570 4242  480 1677 1829 2933  967  819]
selected outputs: [[590000.]
 [279950.]
 [499922.]
 [324950.]
 [386500.]
 [260000.]
 [204000.]
 [580000.]
 [510000.]
 [240000.]]
Predicted value: 387532.2


query set: [ 0.01345102  0.01551285  0.01054359  0.01001856  0.00319945  0.
  0.          0.0116321   0.01216718  0.00756713  0.01483892  0.01348942
  0.          0.01340322 -0.01346218  0.01543094  0.00420593]
distances: [0.01780175 0.06763052 0.01853664 … 0.01849676 0.01945722
0.01790334]
sorted indices: [1035 1713 2987 … 1107 5226 2486]
selected indices: [1035 1713 2987 3308 2841  721 3463 2138  883 2044]
selected outputs: [[405000.]
 [385000.]
 [629000.]
 [455000.]
 [465000.]
 [450000.]
 [418500.]
 [418000.]
 [325000.]
 [278100.]]
Predicted value: 422860.0
```

```
query set: [ 0.01345102  0.01163464  0.00903736  0.00673868  0.00231885  0.
  0.          0.01550947  0.01216718  0.00777351  0.          0.01338025
  0.          0.0134362  -0.01344875  0.00848702  0.00298378]
distances: [0.00500682 0.06851376 0.01161271 … 0.01414897 0.01728303
0.00888819]
sorted indices: [3851 4804 1435 … 1107 5226 2486]
selected indices: [3851 4804 1435 3976 4583 4607 2854  144 4076 1223]
selected outputs: [[415000.]
 [208000.]
 [212000.]
 [390000.]
 [400000.]
 [210000.]
 [220000.]
 [160000.]
 [315450.]
 [195000.]]
Predicted value: 272545.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00655977  0.00096311  0.
  0.          0.0116321   0.01216718  0.00756713  0.          0.01304591
  0.06697589  0.0134845  -0.01346779  0.00893709  0.0016225 ]
distances: [0.06737213 0.0161589  0.06793399 … 0.06826366 0.06920341
0.06731167]
sorted indices: [2793 4402 4797 … 1107 5226 2486]
selected indices: [2793 4402 4797 4355 4315 3969 2296 2925 4031 4566]
selected outputs: [[279900.]
 [485000.]
 [536000.]
 [297950.]
 [465000.]
 [267000.]
 [510000.]
 [475000.]
 [596000.]
 [291750.]]
Predicted value: 420360.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00763319  0.0017336   0.
  0.          0.0116321   0.01216718  0.00880539  0.          0.01340072
  0.          0.0134888  -0.01346878  0.00990152  0.00229989]
distances: [0.00418761 0.06854504 0.00923623 … 0.01425062 0.01792342
0.01047576]
sorted indices: [3811  798 4035 … 1107 5226 2486]
selected indices: [3811  798 4035 2120 2331 1536 4948 1574 5240  747]
selected outputs: [[555950.]
 [450000.]
```

```
 [435000.]
 [239950.]
 [570000.]
 [510000.]
 [874950.]
 [337500.]
 [305000.]
 [296000.]]
Predicted value: 457435.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01031674  0.00269671  0.
  0.          0.01550947  0.01216718  0.0096309   0.00844284  0.01350989
  0.          0.01348436 -0.0134406   0.01176609  0.00350298]
distances: [0.0114885   0.06711902 0.01447477 … 0.01289218 0.01539026 0.0113816
]
sorted indices: [4027 4558 1419 … 1107 5226 2486]
selected indices: [4027 4558 1419 1676 1869 1639 3582 2361 2871 1695]
selected outputs: [[539000.]
 [440000.]
 [235000.]
 [536000.]
 [203000.]
 [550000.]
 [294000.]
 [585000.]
 [269950.]
 [265000.]]
Predicted value: 391695.0


query set: [ 0.01345102  0.01939106  0.0165685   0.01645907  0.00160518  0.
  0.          0.0116321   0.01564352  0.01898662  0.          0.01368047
  0.          0.01344471 -0.01344864  0.01845284  0.00204029]
distances: [0.02207545 0.06845794 0.02464192 … 0.01001733 0.00523655 0.016391
]
sorted indices: [1527 5068 5380 … 1107 5226 2486]
selected indices: [1527 5068 5380 5398 5335 3494 5164 5101 5274 5340]
selected outputs: [[725000.]
 [419354.]
 [670000.]
 [525000.]
 [639983.]
 [372000.]
 [515805.]
 [450000.]
 [779380.]
 [562500.]]
Predicted value: 565902.2
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.01079381  0.00231146  0.
  0.          0.01550947  0.01216718  0.00777351  0.01739736  0.01333248
  0.          0.01350419 -0.01346658  0.0116375   0.00328556]
distances: [0.01850154 0.06796154 0.02038194 … 0.02194306 0.02361623
0.02066598]
sorted indices: [ 915  205 2932 … 1107 5226 2486]
selected indices: [ 915  205 2932 1516 1202 2610 1688    6  302 3318]
selected outputs: [[267000.]
 [588000.]
 [458000.]
 [275000.]
 [219000.]
 [415000.]
 [371500.]
 [229500.]
 [269000.]
 [556000.]]
Predicted value: 364800.0

query set: [ 0.01345102  0.01163464  0.00903736  0.00751392  0.00332273  0.
  0.          0.0116321   0.01216718  0.00866781  0.          0.0133666
  0.          0.01347206 -0.01344148  0.01157321  0.00419822]
distances: [0.00492607 0.06820131 0.00910678 … 0.01178962 0.01488615 0.0083734
]
sorted indices: [1455 3158 1483 … 1107 5226 2486]
selected indices: [1455 3158 1483 4265 2099  430 2290  124 3133 3473]
selected outputs: [[347500.]
 [263000.]
 [287000.]
 [327000.]
 [370000.]
 [365000.]
 [555000.]
 [333500.]
 [815000.]
 [157000.]]
Predicted value: 382000.0

query set: [ 0.01345102  0.00775643  0.01054359  0.00805063  0.00128511  0.
  0.          0.0116321   0.01390535  0.00928693  0.          0.01367364
  0.          0.01349522 -0.01343158  0.00867991  0.00181679]
distances: [0.00644211 0.06817328 0.01200125 … 0.01187882 0.01595227
0.00646434]
sorted indices: [ 236 2228 1469 … 1107 5226 2486]
selected indices: [ 236 2228 1469  543 3749 3461 3929 1446 2346 5148]
selected outputs: [[430000.]
 [415000.]
 [455000.]
```

```
 [419000.]
 [381000.]
 [398000.]
 [360000.]
 [380000.]
 [405000.]
 [548000.]]
Predicted value: 419100.0


query set: [ 0.01345102  0.01163464  0.01204982  0.0123443   0.00288933  0.
  0.          0.01550947  0.01216718  0.00997486  0.0158623   0.01343483
  0.          0.01337952 -0.01346933  0.01048018  0.00319835]
distances: [0.01843997 0.06712866 0.0212671  … 0.01819283 0.01996386 0.0174065
]
sorted indices: [4618   77 1673 … 1107 5226 2486]
selected indices: [4618   77 1673 4830  652 3259 3942 4230  700 2690]
selected outputs: [[279950.]
 [260000.]
 [301000.]
 [329000.]
 [419950.]
 [350000.]
 [210000.]
 [339000.]
 [615000.]
 [440000.]]
Predicted value: 354390.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00685795  0.00278981  0.
  0.          0.01550947  0.01216718  0.00791109  0.          0.01348942
  0.          0.01339773 -0.0134406   0.00855131  0.0028556 ]
distances: [0.00606843 0.06840176 0.01207494 … 0.01342814 0.01666301
0.00794199]
sorted indices: [4100 4076   39 … 1107 5226 2486]
selected indices: [4100 4076   39 4625 1223  505 2910 4007 3851 4804]
selected outputs: [[239950.]
 [315450.]
 [212000.]
 [295000.]
 [195000.]
 [347000.]
 [325000.]
 [455000.]
 [415000.]
 [208000.]]
Predicted value: 300740.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01789029  0.00813538  0.
```

```
    0.          0.0116321   0.01564352  0.02063763  0.          0.01361223
    0.          0.01348244 -0.01342938  0.01928868  0.01314915]
distances: [0.02530112 0.06919113 0.02571694 … 0.01506059 0.01402723
0.02211462]
sorted indices: [ 255 1747 4079 … 1107 5226 2486]
selected indices: [ 255 1747 4079  113 2316  820 3839 2425 3190  678]
selected outputs: [[660000.]
 [465000.]
 [560000.]
 [632925.]
 [545000.]
 [530000.]
 [690000.]
 [375000.]
 [635000.]
 [645000.]]
Predicted value: 573792.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01144979  0.00170856  0.
  0.          0.0116321   0.01390535  0.01320808  0.          0.01363953
  0.          0.01340809 -0.01344941  0.01234476  0.00202813]
distances: [0.01200674 0.06749203 0.01577602 … 0.00391325 0.00793833
0.00476673]
sorted indices: [ 359 3044  873 … 1107 5226 2486]
selected indices: [ 359 3044  873 5197 3060 3378 5302 1233 5128 1420]
selected outputs: [[303700.]
 [498688.]
 [595000.]
 [342000.]
 [509950.]
 [510000.]
 [345500.]
 [325000.]
 [555000.]
 [463000.]]
Predicted value: 444783.8


query set: [ 0.01345102  0.01163464  0.01506227  0.02194543  0.00429675  0.
  0.          0.0116321   0.01738169  0.0253155   0.          0.01360541
  0.          0.01344737 -0.01344104  0.02314642  0.004586  ]
distances: [0.02914698 0.06975852 0.0296992  … 0.01616978 0.01371155
0.02456906]
sorted indices: [3430  829 3805 … 1107 5226 2486]
selected indices: [3430  829 3805 2915 4070 1503  538 3119 1652 4090]
selected outputs: [[1080000.]
 [ 843500.]
 [ 898000.]
 [ 751000.]
```

```
 [ 782500.]
 [ 762500.]
 [ 884250.]
 [ 820000.]
 [ 865000.]
 [ 833000.]]
Predicted value: 851975.0


query set: [ 0.01345102  0.01939106  0.00602491  0.00840844  0.002167    0.
  0.          0.0116321   0.01042901  0.00969969  0.          0.0131619
  0.          0.01344649 -0.01345854  0.0087442   0.00273797]
distances: [0.00824257 0.06875932 0.01572105 … 0.01581253 0.01679683
0.01282118]
sorted indices: [ 868 3990  232 … 1107 5226 2486]
selected indices: [ 868 3990  232 4699 1324  222  411 3499 4301  890]
selected outputs: [[345950.]
 [253750.]
 [175000.]
 [235000.]
 [239000.]
 [249950.]
 [475000.]
 [185000.]
 [226000.]
 [197000.]]
Predicted value: 258165.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01520675  0.00245143  0.
  0.          0.0116321   0.01390535  0.00990606  0.02839863  0.01355083
  0.          0.01347528 -0.01343455  0.01472369  0.00333546]
distances: [0.03231886 0.06943119 0.03364776 … 0.02933749 0.0295007
0.02994754]
sorted indices: [1405 2035 3628 … 1107 5226 2486]
selected indices: [1405 2035 3628 3916  962 2874 1066 4596  496 4798]
selected outputs: [[280500.]
 [740000.]
 [469950.]
 [305000.]
 [525000.]
 [522500.]
 [261500.]
 [492500.]
 [485000.]
 [361000.]]
Predicted value: 444295.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00614233  0.00269671  0.
  0.          0.01550947  0.01216718  0.00708559  0.          0.01339389
```

```
   0.          0.01344397 -0.01344699  0.00816554  0.00340725]
distances: [0.00437359 0.06894348 0.01122241 … 0.01645014 0.019341
0.01168781]
sorted indices: [1277 2671 1372 … 1107 5226 2486]
selected indices: [1277 2671 1372 3620 4780 3565 2266  121  314 1544]
selected outputs: [[195000.]
 [250000.]
 [250000.]
 [196000.]
 [192500.]
 [230000.]
 [290000.]
 [205000.]
 [194000.]
 [229900.]]
Predicted value: 223240.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00614233  0.0013445   0.
  0.          0.0116321   0.01390535  0.00708559  0.          0.01351671
  0.          0.01339799 -0.01343422  0.00932286  0.00136939]
distances: [0.0046402  0.06895709 0.00956957 … 0.01590853 0.0194359
0.01092169]
sorted indices: [3795  800 4948 … 1107 5226 2486]
selected indices: [3795  800 4948 3752   84 5470 2331 2367 2471  118]
selected outputs: [[337000.]
 [660000.]
 [874950.]
 [420000.]
 [415000.]
 [438000.]
 [570000.]
 [412133.]
 [280000.]
 [375000.]]
Predicted value: 478208.3


query set: [ 0.01345102  0.01163464  0.01506227  0.01150942  0.00231596  0.
  0.          0.0116321   0.01390535  0.01327688  0.          0.01368047
  0.          0.01349564 -0.01346196  0.01240905  0.00294727]
distances: [0.01210415 0.06747737 0.01572502 … 0.00387857 0.00785572
0.00539848]
sorted indices: [2638 1233 1998 … 1107 5226 2486]
selected indices: [2638 1233 1998  359 3328   56  307 3378 3044 1420]
selected outputs: [[324000.]
 [325000.]
 [299995.]
 [303700.]
 [530000.]
```

```
   [560000.]
   [298900.]
   [510000.]
   [498688.]
   [463000.]]
Predicted value: 411328.3


query set: [ 0.01345102  0.01163464  0.01204982  0.00822954  0.00160518  0.
  0.          0.01550947  0.01216718  0.00949331  0.          0.01308003
  0.          0.01348478 -0.01346856  0.00867991  0.00202813]
distances: [0.00740512 0.06805709 0.0134892  … 0.01132431 0.01470589
0.00585461]
sorted indices: [3507 4936  757 … 1107 5226 2486]
selected indices: [3507 4936  757 1301  737 4649 3692 1029 2450 4053]
selected outputs: [[418000.]
 [249900.]
 [313500.]
 [255000.]
 [265000.]
 [400000.]
 [415000.]
 [265000.]
 [259900.]
 [279950.]]
Predicted value: 312125.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01061491  0.00233072  0.
  0.          0.01550947  0.01390535  0.012245    0.          0.01340072
  0.          0.0134696  -0.01344049  0.0116375   0.00321255]
distances: [0.01477785 0.06790875 0.01876399 … 0.00830449 0.00970695
0.00763545]
sorted indices: [2177   83 2511 … 1107 5226 2486]
selected indices: [2177   83 2511 1506 2393 4440 4414 3218 1686 2553]
selected outputs: [[400000.]
 [290000.]
 [306000.]
 [320000.]
 [571500.]
 [465000.]
 [520000.]
 [350000.]
 [601000.]
 [521000.]]
Predicted value: 434450.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00751392  0.00228835  0.
  0.          0.01550947  0.01216718  0.00866781  0.          0.01343483
  0.          0.01349768 -0.01345051  0.00855131  0.00297161]
```

```
distances: [0.006057    0.06824801 0.0124212   …  0.0126606   0.01591262
0.00745107]
sorted indices: [1301 4100   505 …  1107 5226 2486]
selected indices: [1301 4100   505 4007 1771 4076 3729 2146 4804 4936]
selected outputs: [[255000.]
 [239950.]
 [347000.]
 [455000.]
 [246000.]
 [315450.]
 [274000.]
 [235000.]
 [208000.]
 [249900.]]
Predicted value: 282530.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00882588  0.00248771  0.
  0.          0.01938684  0.01216718  0.01018123  0.          0.01337342
  0.          0.01343775 -0.01346966  0.0073297   0.00215793]
distances: [0.00887679 0.06846046 0.01529876 …  0.01430362 0.01710151
0.01062872]
sorted indices: [1353 4092 4260 …  1107 5226 2486]
selected indices: [1353 4092 4260 2208   256 4503 2633 2583 3506   190]
selected outputs: [[195000.]
 [393500.]
 [310000.]
 [249000.]
 [530000.]
 [211000.]
 [520000.]
 [670000.]
 [592000.]
 [310000.]]
Predicted value: 398050.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00918368  0.00096311  0.
  0.03401577  0.0116321   0.01216718  0.00529699  0.01969995  0.0131005
  0.          0.01348371 -0.01346757  0.00912998  0.00170363]
distances: [0.03974339 0.0762656   0.04101343 …  0.04153638 0.04270492
0.03997947]
sorted indices: [2337 2287 1491 …  1107 5226 2486]
selected indices: [2337 2287 1491 2660 2222 3921 4573 4051   642 1841]
selected outputs: [[304000.]
 [540000.]
 [605000.]
 [650000.]
 [490000.]
 [453500.]
```

```
  [590000.]
  [294950.]
  [560000.]
  [353000.]]
Predicted value: 484045.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01150942  0.00160518  0.
  0.          0.0116321   0.01564352  0.00846143  0.01790904  0.01320967
  0.          0.01347842 -0.01345854  0.01478799  0.00243375]
distances: [0.02028645 0.06764724 0.02125606 … 0.01999401 0.02120654
0.01958934]
sorted indices: [1992 2628 2926 … 1107 5226 2486]
selected indices: [1992 2628 2926 3655 3810 4972 1961  882 4405 2024]
selected outputs: [[570000.]
 [524000.]
 [268000.]
 [530000.]
 [240000.]
 [580000.]
 [978000.]
 [338500.]
 [739000.]
 [420000.]]
Predicted value: 518750.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01013783  0.0013644   0.
  0.          0.0116321   0.01042901  0.0061225   0.02072332  0.01326425
  0.          0.01347729 -0.01347032  0.00925857  0.00172391]
distances: [0.0219845  0.06818003 0.0242027  … 0.02411367 0.02607102 0.0217669
]
sorted indices: [1149 1666 3385 … 1107 5226 2486]
selected indices: [1149 1666 3385  929 2283 4584 3852  376 1629 3142]
selected outputs: [[477000.]
 [750000.]
 [348000.]
 [317000.]
 [700000.]
 [340000.]
 [340000.]
 [652000.]
 [565000.]
 [430000.]]
Predicted value: 491900.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01139015  0.0025699   0.
  0.          0.0116321   0.01390535  0.00880539  0.01611814  0.01337342
  0.          0.01349757 -0.01346075  0.01195898  0.00324906]
distances: [0.01914862 0.06730742 0.02187017 … 0.01834713 0.01924275
```

```
0.01736761]
sorted indices: [2442  738 1825 … 1107 5226 2486]
selected indices: [2442  738 1825 1123 3923 2619 2738  497 4325 4399]
selected outputs: [[367500.]
 [500000.]
 [300000.]
 [564500.]
 [383000.]
 [562000.]
 [385000.]
 [470000.]
 [500000.]
 [518000.]]
Predicted value: 455000.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00930295  0.00303444  0.
  0.          0.01550947  0.01390535  0.01073157  0.          0.01346895
  0.          0.01343925 -0.01344776  0.01414503  0.00405017]
distances: [0.00925287 0.06797999 0.01123418 … 0.00905738 0.01174752
0.00854989]
sorted indices: [ 420 4144  944 … 1107 5226 2486]
selected indices: [ 420 4144  944 2196 1642 3856 1383 1863 1943 4819]
selected outputs: [[549500.]
 [390000.]
 [312500.]
 [318000.]
 [595000.]
 [244000.]
 [985000.]
 [263000.]
 [299900.]
 [232603.]]
Predicted value: 418950.3

query set: [ 0.01345102  0.01163464  0.01506227  0.01419297  0.00516226  0.
  0.03401577  0.01550947  0.01564352  0.00921814  0.02660772  0.01340072
  0.          0.01344109 -0.01347043  0.01645967  0.00408464]
distances: [0.04584994 0.07714998 0.04601218 … 0.04407455 0.04444109
0.04460432]
sorted indices: [3556 1422 2765 … 1107 5226 2486]
selected indices: [3556 1422 2765 4096  424 2533 2513 4435   34 2762]
selected outputs: [[750000.]
 [350000.]
 [740000.]
 [800000.]
 [415000.]
 [689000.]
 [575000.]
```

```
 [410000.]
 [660000.]
 [812000.]]
Predicted value: 620100.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01383516  0.0017962   0.
  0.          0.0116321   0.01216718  0.01038761  0.02072332  0.01334613
  0.          0.01347319 -0.01347065  0.01183039  0.00226988]
distances: [0.02294827 0.06769214 0.02567977 … 0.02243018 0.02304299
0.02233955]
sorted indices: [2172 4833 1601 … 1107 5226 2486]
selected indices: [2172 4833 1601 2170 1862 3408 3978 1553 1959 1482]
selected outputs: [[432000.]
 [559000.]
 [250000.]
 [293550.]
 [560000.]
 [475999.]
 [343000.]
 [603000.]
 [340000.]
 [440000.]]
Predicted value: 429654.9


query set: [ 0.01345102  0.01551285  0.01506227  0.01765176  0.00199652  0.
  0.          0.0116321   0.01564352  0.02036246  0.          0.01368729
  0.          0.01339417 -0.01343202  0.0190315   0.00217456]
distances: [0.02191066 0.06826567 0.02391384 … 0.00879086 0.00491235
0.01664963]
sorted indices: [3433  405 3396 … 1107 5226 2486]
selected indices: [3433  405 3396 5139 3825 5376 3113 4628 1827  444]
selected outputs: [[ 785000.]
 [ 789500.]
 [ 675000.]
 [1035292.]
 [ 499000.]
 [ 518380.]
 [ 375000.]
 [ 515500.]
 [ 428900.]
 [ 550000.]]
Predicted value: 617157.2


query set: [ 0.01345102  0.00775643  0.00903736  0.00757356  0.01032934  0.
  0.          0.01550947  0.01216718  0.0087366   0.          0.01328472
  0.          0.01338693 -0.01346141  0.00816554  0.00413738]
distances: [0.01076794 0.06891628 0.0136463  … 0.01643765 0.01978013
0.01377448]
```

```
sorted indices: [ 300 2443 3402 … 1107 5226 2486]
selected indices: [ 300 2443 3402 4375 1806 3843  612 2356 1293 3016]
selected outputs: [[195000.]
 [280000.]
 [465000.]
 [212500.]
 [255000.]
 [239000.]
 [175000.]
 [425000.]
 [803000.]
 [350000.]]
Predicted value: 339950.0


query set: [ 0.01345102  0.01551285  0.02108718  0.02212433  0.00333878  0.
  0.          0.0116321   0.01390535  0.01575339  0.03632978  0.01366
  0.          0.01343484 -0.01344842  0.01105884  0.00173445]
distances: [0.04312116 0.07231235 0.04560303 … 0.03821318 0.03796021
0.03973847]
sorted indices: [3698 3023 5267 … 1107 5226 2486]
selected indices: [3698 3023 5267 1191 1355 5451 4216 4898 2312 4978]
selected outputs: [[ 380000.]
 [1280000.]
 [1200000.]
 [ 538000.]
 [ 367500.]
 [1500000.]
 [ 439000.]
 [ 655000.]
 [ 350000.]
 [1500000.]]
Predicted value: 820950.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01204613  0.00220456  0.
  0.          0.01938684  0.01390535  0.006948    0.02584019  0.01325061
  0.          0.01349024 -0.01346009  0.00803695  0.00277529]
distances: [0.02845005 0.06949773 0.03138918 … 0.02954476 0.03039481
0.02801468]
sorted indices: [2384 1033 5006 … 1107 5226 2486]
selected indices: [2384 1033 5006  290  289 1050 4788  793 3084 2236]
selected outputs: [[560000.]
 [550000.]
 [724950.]
 [550000.]
 [360000.]
 [581000.]
 [607000.]
 [395000.]
```

```
 [320000.]
 [380000.]]
Predicted value: 502795.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01902335  0.00352177  0.
  0.          0.0116321   0.01738169  0.02194468  0.          0.01360541
  0.          0.01345806 -0.01343114  0.01832425  0.00341374]
distances: [0.02422338 0.06855313 0.02657207 … 0.01084846 0.00710514
0.01864574]
sorted indices: [4279 5079 2629 … 1107 5226 2486]
selected indices: [4279 5079 2629 5054 5281 4047 2429 3275 3004 5420]
selected outputs: [[795000.]
 [535000.]
 [925000.]
 [889950.]
 [524225.]
 [680000.]
 [695000.]
 [936000.]
 [589450.]
 [879950.]]
Predicted value: 744957.5


query set: [ 0.01345102  0.01551285  0.0165685   0.01860591  0.00253554
0.15811388
  0.06803154  0.01550947  0.01390535  0.01073157  0.03991158  0.01339389
  0.          0.01349491 -0.01345645  0.01690974  0.00562521]
distances: [0.17772618 0.18720553 0.17791003 … 0.17697464 0.17694371
0.17726671]
sorted indices: [1458 4032 2323 … 1107 5226 2486]
selected indices: [1458 4032 2323 3905 1439  309 2921  178 4273 3755]
selected outputs: [[1850000.]
 [1600000.]
 [ 650000.]
 [1650000.]
 [1600000.]
 [ 790000.]
 [2750000.]
 [3070000.]
 [2574000.]
 [1612500.]]
Predicted value: 1814650.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01097271  0.00269671  0.
  0.          0.0116321   0.01390535  0.00887418  0.01407139  0.01338025
  0.          0.01344774 -0.01344688  0.01356637  0.00340725]
distances: [0.01733039 0.06711352 0.01873669 … 0.01598301 0.01774729
0.01528695]
```

```
sorted indices: [4329 3778 3907 … 1107 5226 2486]
selected indices: [4329 3778 3907 3042 3726 3110 2624 4477  930  611]
selected outputs: [[583000.]
 [327000.]
 [466000.]
 [425000.]
 [620000.]
 [560000.]
 [285000.]
 [415000.]
 [625000.]
 [469000.]]
Predicted value: 477500.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01669761  0.00251853  0.
  0.          0.0116321   0.01390535  0.01926179  0.          0.01366
  0.          0.0133925  -0.01342938  0.01800277  0.00283005]
distances: [0.02167479 0.06810576 0.02366815 … 0.00773422 0.00472613
0.01529891]
sorted indices: [ 616 5044 2804 … 1107 5226 2486]
selected indices: [ 616 5044 2804 5369 5428 4418 5245 5095 1599 2523]
selected outputs: [[449950.]
 [505657.]
 [540000.]
 [395000.]
 [499990.]
 [725000.]
 [572000.]
 [515000.]
 [367500.]
 [784950.]]
Predicted value: 535504.7


query set: [ 0.01345102  0.01163464  0.00602491  0.0059038   0.00238209  0.
  0.          0.01938684  0.01042901  0.00681042  0.          0.01337342
  0.          0.01337423 -0.01345227  0.00649386  0.00300974]
distances: [0.00845545 0.06943893 0.01417293 … 0.01887467 0.02174831
0.01411357]
sorted indices: [4102  169 4406 … 1107 5226 2486]
selected indices: [4102  169 4406 4518 2173 1055 3504  784  836 1255]
selected outputs: [[205000.]
 [218000.]
 [189950.]
 [217000.]
 [189000.]
 [291500.]
 [191000.]
 [203000.]
```

```
  [206000.]
  [245000.]]
Predicted value: 215545.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01395443  0.00203858  0.
  0.          0.01550947  0.01216718  0.00901177  0.02635188  0.01346895
  0.          0.01344949 -0.01346966  0.01298771  0.00257572]
distances: [0.0300596   0.06902213 0.03174046 … 0.02786271 0.02836699 0.0277859
]
sorted indices: [ 496 1222 3412 … 1107 5226 2486]
selected indices: [ 496 1222 3412 3399  962  846 3112 2874  283  392]
selected outputs: [[485000.]
 [475000.]
 [793000.]
 [575000.]
 [525000.]
 [400000.]
 [335000.]
 [522500.]
 [465000.]
 [405000.]]
Predicted value: 498050.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0180692   0.0012331   0.
  0.          0.0116321   0.01564352  0.02084401  0.          0.01368047
  0.          0.01348405 -0.01346856  0.00694392  0.00199649]
distances: [0.01989509 0.06795527 0.02663336 … 0.01117523 0.01039116
0.01468335]
sorted indices: [5168 5118 2955 … 1107 5226 2486]
selected indices: [5168 5118 2955 1814 5173 5140 5370 2034 4529 4390]
selected outputs: [[ 649000.]
 [ 897000.]
 [ 804000.]
 [1255000.]
 [ 649000.]
 [ 635000.]
 [ 810000.]
 [1290000.]
 [ 799000.]
 [ 735000.]]
Predicted value: 852300.0


query set: [ 0.01345102  0.01163464  0.01355605  0.0119865   0.00379369  0.
  0.          0.01550947  0.01390535  0.01382721  0.          0.01355083
  0.          0.01345249 -0.01343048  0.01408074  0.0041244 ]
distances: [0.0130025   0.06761728 0.01546412 … 0.00552171 0.00823096
0.00886226]
sorted indices: [ 997 1375 1336 … 1107 5226 2486]
```

```
selected indices: [ 997 1375 1336  811  136 1295 2517  161 4826  363]
selected outputs: [[675000.]
 [890000.]
 [589950.]
 [299000.]
 [342000.]
 [479000.]
 [450000.]
 [370000.]
 [716125.]
 [719000.]]
Predicted value: 553007.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01490858  0.00699217  0.
  0.          0.0116321   0.01390535  0.0121762   0.01867657  0.01355083
  0.          0.01338509 -0.01344974  0.01716693  0.00949163]
distances: [0.02576378 0.06789763 0.0257804  … 0.0211594  0.02167373 0.0236971
]
sorted indices: [2043  470 2445 … 1107 5226 2486]
selected indices: [2043  470 2445 4843 3668  126  867  763 2906  576]
selected outputs: [[368500.]
 [700000.]
 [645000.]
 [579000.]
 [200126.]
 [691100.]
 [508500.]
 [659500.]
 [825000.]
 [510000.]]
Predicted value: 568672.6


query set: [ 0.01345102  0.01163464  0.00903736  0.0081699   0.00326687  0.
  0.          0.0116321   0.01042901  0.00942452  0.          0.01328472
  0.          0.01342627 -0.01345689  0.01060877  0.00412764]
distances: [0.00495436 0.06808104 0.01010133 … 0.01170602 0.01497539
0.00848974]
sorted indices: [1778 3133  620 … 1107 5226 2486]
selected indices: [1778 3133  620   51 4134 3722 1354  575 4265 1734]
selected outputs: [[465000.]
 [815000.]
 [165000.]
 [313000.]
 [365000.]
 [418900.]
 [350000.]
 [310000.]
 [327000.]
```

```
  [280000.]]
Predicted value: 380890.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00912405  0.00308195  0.
  0.          0.0116321   0.01216718  0.00825505  0.00844284  0.01356447
  0.          0.01339392 -0.01343631  0.01080166  0.00392645]
distances: [0.01025608 0.06723061 0.01357811 … 0.01367654 0.0163969
0.01091846]
sorted indices: [2480  909   47 … 1107 5226 2486]
selected indices: [2480  909   47 2261 1271 2072 4763 2556  974 2581]
selected outputs: [[260750.]
 [410000.]
 [370000.]
 [405000.]
 [395000.]
 [447000.]
 [550000.]
 [291600.]
 [347500.]
 [245000.]]
Predicted value: 372185.0


query set: [ 0.01345102  0.02326928  0.03614946  0.04406976  0.00797101
0.15811388
  0.06803154  0.01550947  0.02085802  0.03439605  0.06114659  0.01358494
  0.          0.01345153 -0.01345106  0.0277757   0.00998608]
distances: [0.19242374 0.19735929 0.19292006 … 0.18859042 0.18781921 0.1904447
]
sorted indices: [ 313 3755 4273 … 1107 5226 2486]
selected indices: [ 313 3755 4273 3922 2921 2875 1458  178 4032 2323]
selected outputs: [[5110800.]
 [1612500.]
 [2574000.]
 [3200000.]
 [2750000.]
 [3000000.]
 [1850000.]
 [3070000.]
 [1600000.]
 [ 650000.]]
Predicted value: 2541730.0


query set: [ 0.01345102  0.00775643  0.01054359  0.01103235  0.00081222  0.
  0.          0.01550947  0.01216718  0.01272654  0.          0.0129845
  0.          0.01346496 -0.01346207  0.00964434  0.0007281 ]
distances: [0.00960905 0.06782339 0.01445468 … 0.00982821 0.01388127
0.00792325]
sorted indices: [2223  200 4401 … 1107 5226 2486]
```

```
selected indices: [2223  200 4401 3299 4286   25 4684 2720 3708  760]
selected outputs: [[490000.]
 [210000.]
 [489000.]
 [725000.]
 [558000.]
 [215000.]
 [475000.]
 [443000.]
 [574800.]
 [530000.]]
Predicted value: 470980.0

query set: [ 0.01345102  0.01551285  0.01355605  0.01628017  0.0024097   0.
  0.          0.01550947  0.01390535  0.01878025  0.          0.01355765
  0.          0.01342313 -0.01344468  0.01536665  0.00325109]
distances: [0.01832614 0.06780319 0.02162636 … 0.00719366 0.00505881
0.01390877]
sorted indices: [4308 2472  106 … 1107 5226 2486]
selected indices: [4308 2472  106 2894 4721 4449  453 3913 3238  979]
selected outputs: [[ 730000.]
 [ 479950.]
 [ 799000.]
 [ 825000.]
 [ 808000.]
 [ 365000.]
 [ 372000.]
 [ 381500.]
 [ 690000.]
 [1325000.]]
Predicted value: 677545.0

query set: [ 0.01345102  0.01551285  0.01355605  0.0121654   0.00307071  0.
  0.          0.0116321   0.01390535  0.0096309   0.01637398  0.0133666
  0.          0.01350031 -0.01346482  0.01215187  0.00348026]
distances: [0.01967185 0.06722734 0.02240062 … 0.0182261  0.01897037
0.01779039]
sorted indices: [2442  738 2619 … 1107 5226 2486]
selected indices: [2442  738 2619 1825 4399 1123 3923 2987  497 4325]
selected outputs: [[367500.]
 [500000.]
 [562000.]
 [300000.]
 [518000.]
 [564500.]
 [383000.]
 [629000.]
 [470000.]
```

```
 [500000.]]
Predicted value: 479400.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01956005  0.00330732  0.
  0.          0.0116321   0.01738169  0.01155707  0.04093496  0.01344165
  0.          0.01348877 -0.01345942  0.00996582  0.00255544]
distances: [0.04424176 0.07366645 0.04627239 … 0.04200459 0.0422913
0.04254719]
sorted indices: [4898    7 1054 … 1107 2486 5226]
selected indices: [4898    7 1054 1561 4216 1751  658  558 4332 1191]
selected outputs: [[ 655000.]
 [ 662500.]
 [ 373000.]
 [ 390000.]
 [ 439000.]
 [ 540000.]
 [1600000.]
 [ 765000.]
 [ 360500.]
 [ 538000.]]
Predicted value: 632300.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01389479  0.00366752  0.
  0.          0.01550947  0.01390535  0.01602856  0.          0.01353718
  0.          0.01347288 -0.01344005  0.0131806   0.0046436 ]
distances: [0.01463684 0.06752028 0.01792662 … 0.00534517 0.0074418
0.01042738]
sorted indices: [1200 1295  117 … 1107 5226 2486]
selected indices: [1200 1295  117  554 1375 2478 1336 1279  997 3197]
selected outputs: [[921000.]
 [479000.]
 [380000.]
 [550000.]
 [890000.]
 [643403.]
 [589950.]
 [560000.]
 [675000.]
 [412000.]]
Predicted value: 610035.3


query set: [ 0.01345102  0.01551285  0.02108718  0.015982    0.00321036  0.
  0.          0.0116321   0.01390535  0.01403359  0.01637398  0.01325061
  0.06727653  0.0134976  -0.01346053  0.00983723  0.003245  ]
distances: [0.07182306 0.01077823 0.07319813 … 0.0698554  0.06991715 0.0701439
]
sorted indices: [ 830 1956 4915 … 1107 5226 2486]
selected indices: [ 830 1956 4915 1017 3827 1485 1767 4439    1 2049]
```

```
selected outputs: [[ 855000.]
 [ 925000.]
 [ 930000.]
 [ 825050.]
 [ 925000.]
 [ 860000.]
 [ 299000.]
 [ 715000.]
 [ 538000.]
 [1325000.]]
Predicted value: 819705.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01109198  0.00258755  0.
  0.          0.01550947  0.01390535  0.01279533  0.          0.01355765
  0.          0.01345274 -0.01342982  0.01189469  0.00189062]
distances: [0.01223177 0.06762782 0.01600093 … 0.00609233 0.00940879
0.00590775]
sorted indices: [2675 1880 1098 … 1107 5226 2486]
selected indices: [2675 1880 1098  220 4373 4362  707 3379 2025  572]
selected outputs: [[347500.]
 [325000.]
 [450000.]
 [408200.]
 [624950.]
 [250000.]
 [275000.]
 [280000.]
 [432100.]
 [275000.]]
Predicted value: 366775.0

query set: [ 0.01345102  0.01163464  0.00903736  0.01693614  0.00326879  0.
  0.          0.0116321   0.01390535  0.01038761  0.03402718  0.01331201
  0.          0.01344047 -0.01344996  0.01420933  0.00392199]
distances: [0.03618231 0.07105539 0.03719604 … 0.03518649 0.03566867 0.0359704
]
sorted indices: [4783  782 5106 … 1107 5226 2486]
selected indices: [4783  782 5106 1094  728  805 3894 3606 3782 4552]
selected outputs: [[465000.]
 [650000.]
 [345000.]
 [600000.]
 [599950.]
 [401000.]
 [350000.]
 [350000.]
 [459900.]
 [285000.]]
```

```
Predicted value: 450585.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0163398   0.0022922   0.
  0.         0.0116321   0.01390535  0.01884904  0.         0.01359859
  0.         0.01347141 -0.01343026  0.01453081  0.00285357]
distances: [0.01835893 0.06766375 0.02203466 … 0.00582278 0.00318535
0.01292992]
sorted indices: [ 566 1690 3574 … 1107 5226 2486]
selected indices: [ 566 1690 3574 3824 5010 3938 3210 5235   96 5132]
selected outputs: [[347000.]
 [612000.]
 [885000.]
 [360000.]
 [383962.]
 [575000.]
 [583000.]
 [416000.]
 [552250.]
 [379950.]]
Predicted value: 509416.2


query set: [ 0.01345102  0.00775643  0.00602491  0.00548636  0.00276476  0.
  0.         0.01938684  0.01216718  0.00632887  0.         0.01328472
  0.         0.01349986 -0.01346108  0.00964434  0.00322715]
distances: [0.00914461 0.0695157  0.01125882 … 0.01836797 0.02169731
0.01426662]
sorted indices: [1428  668 1138 … 1107 5226 2486]
selected indices: [1428  668 1138  196 4433 3588 1507  940 3701 3617]
selected outputs: [[235000.]
 [205500.]
 [315000.]
 [565000.]
 [416000.]
 [219950.]
 [204995.]
 [460000.]
 [195000.]
 [140000.]]
Predicted value: 295644.5


query set: [ 0.01345102  0.01163464  0.01054359  0.00966076  0.0023532   0.
  0.         0.01550947  0.01216718  0.00749834  0.0135597   0.01346895
  0.         0.01349443 -0.01345139  0.00887279  0.00291685]
distances: [0.01507827 0.0674525  0.01852259 … 0.01835015 0.02064519
0.01555792]
sorted indices: [ 819 1226 1311 … 1107 5226 2486]
selected indices: [ 819 1226 1311 2690  476 4709 1829 1677 1520 2164]
selected outputs: [[240000.]
```

```
  [224000.]
  [279950.]
  [440000.]
  [249000.]
  [230000.]
  [204000.]
  [260000.]
  [524950.]
  [265000.]]
Predicted value: 291690.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00894515  0.00234613  0.
  0.          0.01550947  0.01216718  0.00832385  0.00741946  0.01342801
  0.          0.01342296 -0.01344853  0.00951575  0.00300163]
distances: [0.01149305 0.06732369 0.01540846 … 0.01327669 0.01621669 0.009491
]
sorted indices: [4034 2733  483 … 1107 5226 2486]
selected indices: [4034 2733  483 1695 1869 4558  697 1914 4184 1639]
selected outputs: [[265000.]
 [265000.]
 [475000.]
 [265000.]
 [203000.]
 [440000.]
 [266000.]
 [258900.]
 [265000.]
 [550000.]]
Predicted value: 325290.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00518819  0.00171112  0.
  0.          0.0116321   0.01042901  0.00598491  0.          0.01343483
  0.06727653  0.01339663 -0.01343642  0.00540083  0.00210925]
distances: [0.06743521 0.01946947 0.06849655 … 0.06976381 0.07065852
0.06840921]
sorted indices: [1337 5355 2254 … 1107 5226 2486]
selected indices: [1337 5355 2254 2982  555  492 3969  466 3941 4282]
selected outputs: [[199990.]
 [110000.]
 [310000.]
 [717000.]
 [238000.]
 [400000.]
 [267000.]
 [256000.]
 [135000.]
 [260000.]]
Predicted value: 289299.0
```

```
query set: [ 0.01345102  0.01551285  0.01204982  0.00930295  0.00123278  0.
  0.          0.01550947  0.01042901  0.00660404  0.01535061  0.01312779
  0.          0.01348691 -0.01346812  0.01003011  0.001947  ]
distances: [0.01774731 0.06777689 0.02079259 … 0.02018881 0.02177378
0.01746983]
sorted indices: [3912 3003 1235 … 1107 5226 2486]
selected indices: [3912 3003 1235 4091 4532 3888 2065 4359 4063  886]
selected outputs: [[300000.]
 [402000.]
 [215000.]
 [507000.]
 [508450.]
 [475000.]
 [336500.]
 [231000.]
 [509000.]
 [445000.]]
Predicted value: 392895.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00650014  0.00340941  0.
  0.          0.0116321   0.01216718  0.00749834  0.          0.0133666
  0.          0.01339827 -0.01346031  0.00887279  0.00430774]
distances: [0.00271102 0.06873507 0.01009635 … 0.01547713 0.01837975
0.01116847]
sorted indices: [2127 4432 2613 … 1107 5226 2486]
selected indices: [2127 4432 2613  753 2568 2595 3648   79 3876 3613]
selected outputs: [[354000.]
 [219000.]
 [217500.]
 [400000.]
 [365000.]
 [325000.]
 [326000.]
 [255000.]
 [364500.]
 [241450.]]
Predicted value: 306745.0

query set: [ 0.01345102  0.01939106  0.01807473  0.01991786  0.00346591  0.
  0.03401577  0.0116321   0.01564352  0.01458393  0.03121291  0.01340072
  0.06647482  0.01344559 -0.01345315  0.02115325  0.00525487]
distances: [0.08452282 0.04269495 0.08483273 … 0.08196815 0.08149049
0.08315522]
sorted indices: [3054 4667 1196 … 1107 5226 2486]
selected indices: [3054 4667 1196 1643 1793  778 1631   86  372 1273]
selected outputs: [[1210000.]
 [ 968060.]
```

```
 [1490000.]
 [1289000.]
 [ 765000.]
 [ 950000.]
 [ 775000.]
 [2050000.]
 [1355000.]
 [ 519000.]]
Predicted value: 1137106.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01604163  0.00275353  0.
  0.         0.0116321   0.01564352  0.01850508  0.         0.01355765
  0.         0.01337785 -0.01346658  0.01652397  0.00327177]
distances: [0.01863288 0.06773505 0.02075444 … 0.00481997 0.00435158
0.01311825]
sorted indices: [2475 4363 3994 … 1107 5226 2486]
selected indices: [2475 4363 3994 3716  128 4495 3439 1486 1865 4311]
selected outputs: [[657500.]
 [399950.]
 [546200.]
 [609000.]
 [551000.]
 [746000.]
 [530000.]
 [572500.]
 [425000.]
 [645000.]]
Predicted value: 568215.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01502785  0.00232848  0.
  0.         0.0116321   0.01564352  0.01733561  0.         0.01357812
  0.         0.01343787 -0.01344545  0.01652397  0.00339062]
distances: [0.01793603 0.06779032 0.0206093  … 0.00533026 0.00108808
0.01247453]
sorted indices: [4213  651 3026 … 1107 5226 2486]
selected indices: [4213  651 3026 1177 5525 4963  696 4072 3684 5071]
selected outputs: [[620000.]
 [661000.]
 [372000.]
 [390000.]
 [610685.]
 [369000.]
 [405000.]
 [640000.]
 [359800.]
 [610360.]]
Predicted value: 503784.5
```

```
query set: [ 0.01345102  0.00775643  0.01506227  0.01061491  0.00066358  0.
  0.         0.01938684  0.01564352  0.012245    0.         0.01346895
  0.         0.01346569 -0.01345106  0.01491658  0.00083843]
distances: [0.01555408 0.06834689 0.016512   … 0.01008424 0.01309974
0.01045836]
sorted indices: [2354   25 1173 … 1107 5226 2486]
selected indices: [2354   25 1173  107 2216 1880 1447 2675  811 4373]
selected outputs: [[1065000.]
 [ 215000.]
 [ 289950.]
 [ 490000.]
 [ 587100.]
 [ 325000.]
 [ 336000.]
 [ 347500.]
 [ 299000.]
 [ 624950.]]
Predicted value: 457950.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01091308  0.00302577  0.
  0.         0.0116321   0.01390535  0.01093795  0.00614024  0.0132779
  0.         0.01343475 -0.01346966  0.01073737  0.00341942]
distances: [0.0095587  0.06699408 0.01423623 … 0.01023143 0.01289472 0.0088012
]
sorted indices: [2243 2855 2786 … 1107 5226 2486]
selected indices: [2243 2855 2786 3306 2556 2284 2581 2480  909 1099]
selected outputs: [[750000.]
 [420000.]
 [420000.]
 [435000.]
 [291600.]
 [720000.]
 [245000.]
 [260750.]
 [410000.]
 [580000.]]
Predicted value: 453235.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01085344  0.00243185  0.
  0.         0.0116321   0.01216718  0.00839264  0.01535061  0.01347577
  0.         0.01341499 -0.01344633  0.01183039  0.00310303]
distances: [0.01893124 0.06730917 0.02149479 … 0.01793864 0.01910494
0.01660598]
sorted indices: [3923 2071  497 … 1107 5226 2486]
selected indices: [3923 2071  497 1123 2442 1825 4016 2738 4325 4010]
selected outputs: [[383000.]
 [255000.]
 [470000.]
```

```
 [564500.]
 [367500.]
 [300000.]
 [412500.]
 [385000.]
 [500000.]
 [485000.]]
Predicted value: 412250.0


query set: [ 0.01345102  0.01551285  0.01355605  0.0140737   0.0036993   0.
  0.          0.01550947  0.01738169  0.01623494  0.          0.01342801
  0.          0.01344267 -0.0134526   0.01832425  0.00460871]
distances: [0.01823685 0.06817938 0.01981383 … 0.00824474 0.00590372
0.01416834]
sorted indices: [4721 1571 1521 … 1107 5226 2486]
selected indices: [4721 1571 1521  343 3043 2749 4461 1003 3238 2100]
selected outputs: [[808000.]
 [350000.]
 [925000.]
 [747500.]
 [700000.]
 [998000.]
 [870000.]
 [375000.]
 [690000.]
 [787888.]]
Predicted value: 725138.8


query set: [ 0.01345102  0.01163464  0.00602491  0.01073418  0.00184596  0.
  0.          0.0116321   0.01216718  0.00715438  0.01944411  0.01328472
  0.          0.01348628 -0.01347142  0.00848702  0.00228164]
distances: [0.01981652 0.06821263 0.02282951 … 0.02407667 0.02586001
0.02199345]
sorted indices: [2865    6  382 … 1107 5226 2486]
selected indices: [2865    6  382  302 4800 3142 3172  915 1688 3372]
selected outputs: [[450000.]
 [229500.]
 [249000.]
 [269000.]
 [335000.]
 [430000.]
 [234550.]
 [267000.]
 [371500.]
 [350000.]]
Predicted value: 318555.0


query set: [ 0.01345102  0.01551285  0.00903736  0.01192686  0.00217598  0.
```

```
   0.          0.01550947  0.01216718  0.00804868  0.02123501  0.01338707
   0.          0.01339714 -0.01346218  0.01247335  0.00305476]
distances: [0.02301285 0.06823757 0.02501818 … 0.02419611 0.02499349
0.02346537]
sorted indices: [4199 4683 3988 … 1107 5226 2486]
selected indices: [4199 4683 3988 4908 1777 4876 4907 3815 1612 1051]
selected outputs: [[379000.]
 [494000.]
 [605000.]
 [534000.]
 [560000.]
 [430000.]
 [430000.]
 [265000.]
 [317500.]
 [423000.]]
Predicted value: 443750.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00721575  0.00154097  0.
  0.          0.0116321   0.01390535  0.00729196  0.00383765  0.01330519
  0.          0.01345136 -0.01346273  0.00887279  0.001947  ]
distances: [0.00581065 0.06833032 0.01079165 … 0.01592994 0.01938568 0.011393
]
sorted indices: [5195  686 1972 … 1107 5226 2486]
selected indices: [5195  686 1972 1147  908 4281 3375 5179 5464 5375]
selected outputs: [[235000.]
 [615000.]
 [440000.]
 [325000.]
 [436500.]
 [540000.]
 [305000.]
 [302860.]
 [403000.]
 [375000.]]
Predicted value: 397736.0


query set: [ 0.01345102  0.00775643  0.00903736  0.01019747  0.00134482  0.
  0.01700788  0.01938684  0.01216718  0.00797988  0.01407139  0.01331201
  0.          0.01344177 -0.0134701   0.00983723  0.00227475]
distances: [0.02415048 0.07000152 0.02571295 … 0.02634739 0.02842347
0.02476464]
sorted indices: [ 859 2476 2388 … 1107 5226 2486]
selected indices: [ 859 2476 2388  751  358 1877  186 1089 4177 4028]
selected outputs: [[355000.]
 [514000.]
 [323000.]
 [650000.]
```

```
 [815000.]
 [245000.]
 [373000.]
 [659950.]
 [735000.]
 [710000.]]
Predicted value: 537995.0


query set: [ 0.01345102  0.01939106  0.01506227  0.02075274  0.02377338  0.
  0.          0.01550947  0.01390535  0.01362084  0.03837652  0.0134553
  0.          0.01343258 -0.01343488  0.01678115  0.02667999]
distances: [0.05472437 0.07986325 0.05494371 … 0.05182507 0.05115905 0.0544851
]
sorted indices: [4519 3536 1776 … 1107 2486 5226]
selected indices: [4519 3536 1776 1868 1376 4769 4233 2761 2369 3346]
selected outputs: [[799000.]
 [772000.]
 [595000.]
 [440000.]
 [785000.]
 [475000.]
 [430000.]
 [532000.]
 [462000.]
 [575000.]]
Predicted value: 586500.0


query set: [ 0.01345102  0.01163464  0.0165685   0.00745429  0.00053132  0.
  0.          0.0116321   0.01216718  0.00570974  0.01074543  0.01368729
  0.          0.01344935 -0.01346999  0.00977293  0.00121728]
distances: [0.01539036 0.06773266 0.01800634 … 0.01679044 0.01954968
0.01212978]
sorted indices: [5356 2137  933 … 1107 5226 2486]
selected indices: [5356 2137  933 1473 2285 4426 5282 3010   52 4982]
selected outputs: [[295500.]
 [210000.]
 [286000.]
 [450000.]
 [482500.]
 [330000.]
 [430100.]
 [245000.]
 [425000.]
 [370000.]]
Predicted value: 352410.0


query set: [ 0.01345102  0.00387821  0.00602491  0.00554599  0.00228867  0.
  0.          0.0116321   0.01042901  0.00639767  0.          0.01329154
```

```
   0.          0.01349686 -0.0134646    0.00835843  0.00327542]
distances: [0.00834439 0.06944573 0.01006872 … 0.01851915 0.02272287
0.01403287]
sorted indices: [1028 2509 4585 … 1107 5226 2486]
selected indices: [1028 2509 4585 3241 3188  966 2430 2448  513 4619]
selected outputs: [[135000.]
 [124000.]
 [351000.]
 [395000.]
 [299000.]
 [395000.]
 [411000.]
 [264000.]
 [200000.]
 [150000.]]
Predicted value: 272400.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00918368  0.00314616  0.
  0.          0.0116321   0.01216718  0.006948    0.0135597   0.01346212
  0.          0.01342452 -0.0134482   0.0102873   0.00334641]
distances: [0.01430434 0.067508   0.01693397 … 0.01840617 0.02065675
0.01585798]
sorted indices: [4328 1341 4384 … 1107 5226 2486]
selected indices: [4328 1341 4384 3642   88 3327  239 2141 2012  709]
selected outputs: [[357000.]
 [368000.]
 [255000.]
 [412500.]
 [405000.]
 [315275.]
 [512000.]
 [212000.]
 [250000.]
 [359950.]]
Predicted value: 344672.5


query set: [ 0.01345102  0.00775643  0.01054359  0.00793136  0.00157404  0.
  0.          0.0116321   0.01216718  0.00914935  0.          0.013544
  0.          0.01348512 -0.01344567  0.00945145  0.00110938]
distances: [0.00628669 0.06816771 0.01102261 … 0.01181995 0.01604888 0.0066095
]
sorted indices: [2346 1469 2228 … 1107 5226 2486]
selected indices: [2346 1469 2228  236 2999 3155 3967   11 3929  804]
selected outputs: [[405000.]
 [455000.]
 [415000.]
 [430000.]
 [299950.]
```

```
 [239000.]
 [455000.]
 [280000.]
 [360000.]
 [375000.]]
Predicted value: 371395.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01061491  0.00320041  0.
  0.          0.0116321   0.01390535  0.00997486  0.00844284  0.013544
  0.          0.01349833 -0.01344644  0.01253764  0.00323445]
distances: [0.01286516 0.06693231 0.01542472 … 0.01100065 0.01345257
0.00991577]
sorted indices: [4206 1099 1294 … 1107 5226 2486]
selected indices: [4206 1099 1294 2786 1450 3902 3791 4026 2063  463]
selected outputs: [[385000.]
 [580000.]
 [355000.]
 [420000.]
 [289950.]
 [246000.]
 [500000.]
 [395000.]
 [279000.]
 [327500.]]
Predicted value: 377745.0


query set: [ 0.01345102  0.00775643  0.00903736  0.00882588  0.00310121  0.
  0.          0.0116321   0.01216718  0.01018123  0.          0.01329837
  0.          0.01342172 -0.01345975  0.01279482  0.00391834]
distances: [0.00730383 0.06806847 0.00873836 … 0.01066595 0.01461318
0.00905079]
sorted indices: [3122 2983 4565 … 1107 5226 2486]
selected indices: [3122 2983 4565 3148 2391 1620 3967  864 2097 3199]
selected outputs: [[490000.]
 [319900.]
 [401000.]
 [468000.]
 [245500.]
 [437000.]
 [455000.]
 [546000.]
 [335000.]
 [456200.]]
Predicted value: 415360.0


query set: [ 0.01345102  0.01551285  0.01204982  0.00793136  0.00294968  0.
  0.          0.0116321   0.01216718  0.00914935  0.          0.01315508
  0.06694248  0.01340568 -0.01346306  0.01138032  0.00422621]
```

```
distances: [0.06743302 0.01456911 0.06815477 … 0.06780311 0.06817362
0.06733643]
sorted indices: [4355 4566 4489 … 1107 5226 2486]
selected indices: [4355 4566 4489 4797 4315 2925 3347 4402 1358 2521]
selected outputs: [[297950.]
 [291750.]
 [605004.]
 [536000.]
 [465000.]
 [475000.]
 [492000.]
 [485000.]
 [185850.]
 [487000.]]
Predicted value: 432055.4


query set: [ 0.01345102  0.01163464  0.01054359  0.01192686  0.00472983  0.
  0.          0.01550947  0.01390535  0.01375842  0.          0.01335978
  0.          0.01346199 -0.01344754  0.01684545  0.00597607]
distances: [0.0135652  0.06795548 0.01407306 … 0.00828886 0.00983807 0.0122817
]
sorted indices: [1377 2580 3566 … 1107 5226 2486]
selected indices: [1377 2580 3566 1336  161  136 1413 2937 3400 4580]
selected outputs: [[575000.]
 [800000.]
 [681000.]
 [589950.]
 [370000.]
 [342000.]
 [485000.]
 [815000.]
 [720000.]
 [437000.]]
Predicted value: 581495.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01800956  0.11565045  0.
  0.          0.0116321   0.01390535  0.02077522  0.          0.01359176
  0.          0.01336756 -0.01343763  0.01215187  0.08516465]
distances: [0.14192714 0.15543752 0.14087333 … 0.14107655 0.14089008
0.14370153]
sorted indices: [2209 4694 2322 … 3922 5226 2486]
selected indices: [2209 4694 2322 1828  282 3163 1259 1488 4934 3965]
selected outputs: [[590000.]
 [390000.]
 [765000.]
 [950000.]
 [590000.]
 [649000.]
```

```
 [559000.]
 [900000.]
 [365000.]
 [506000.]]
Predicted value: 626400.0


query set: [ 0.01345102  0.01163464  0.00602491  0.0081699   0.01817965  0.
  0.          0.0116321   0.01216718  0.00942452  0.          0.01325061
  0.          0.01337876 -0.01346163  0.01136746  0.00352975]
distances: [0.01673164 0.07012928 0.01759353 … 0.02080675 0.02252007
0.02037946]
sorted indices: [1755 2140 1293 … 1107 5226 2486]
selected indices: [1755 2140 1293 2701 1534 4334 2027 3016  275 5024]
selected outputs: [[223000.]
 [400000.]
 [803000.]
 [362500.]
 [282510.]
 [190000.]
 [120000.]
 [350000.]
 [283000.]
 [450000.]]
Predicted value: 346401.0


query set: [ 0.01345102  0.01551285  0.01958096  0.01860591  0.00160518  0.
  0.          0.0116321   0.01564352  0.01630373  0.01918826  0.01368047
  0.          0.01348741 -0.01346086  0.01620249  0.00243375]
distances: [0.02894275 0.06789093 0.03101649 … 0.02086783 0.02006463
0.02398636]
sorted indices: [5456 5431 5059 … 1107 5226 2486]
selected indices: [5456 5431 5059 5513 3227 4358 4883 2760 5469 5299]
selected outputs: [[ 825750.]
 [ 495000.]
 [ 489500.]
 [ 785000.]
 [1149000.]
 [ 429900.]
 [ 695000.]
 [ 795000.]
 [ 775000.]
 [ 540000.]]
Predicted value: 697915.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01413333  0.00288933  0.
  0.05102365  0.01550947  0.01390535  0.01080036  0.02046748  0.01331884
  0.          0.01343147 -0.01346812  0.01363067  0.00385344]
distances: [0.05664243 0.08472784 0.05729606 … 0.0553673  0.05575511
```

```
0.05562344]
sorted indices: [2139  507 3663 … 1107 5226 2486]
selected indices: [2139  507 3663 1495 2838 4695 4614  523 2458  233]
selected outputs: [[ 871000.]
 [ 345000.]
 [ 361000.]
 [ 695000.]
 [ 545000.]
 [1230000.]
 [ 612000.]
 [ 830000.]
 [ 675000.]
 [ 595000.]]
Predicted value: 675900.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01335809  0.00299013  0.
  0.          0.0116321   0.01564352  0.01540943  0.          0.01353718
  0.          0.01346807 -0.01343147  0.01440221  0.00377799]
distances: [0.01410857 0.06751092 0.01697091 … 0.00300045 0.0054763
0.00921233]
sorted indices: [2656  388  296 … 1107 5226 2486]
selected indices: [2656  388  296 4073 3316  438 1873  716 1053 2340]
selected outputs: [[570000.]
 [621138.]
 [285167.]
 [389950.]
 [365000.]
 [470000.]
 [665000.]
 [503000.]
 [606000.]
 [534950.]]
Predicted value: 501020.5


query set: [ 0.01345102  0.01551285  0.01506227  0.0161609   0.00389674  0.
  0.          0.0116321   0.01390535  0.01169466  0.02584019  0.01342801
  0.          0.01350882 -0.01345986  0.01536665  0.00407734]
distances: [0.0302756  0.06871743 0.03165583 … 0.02670654 0.02666773
0.02808538]
sorted indices: [3916 5049 1062 … 1107 5226 2486]
selected indices: [3916 5049 1062 1405 1066 3628 2035 4596 2117 2174]
selected outputs: [[305000.]
 [495000.]
 [615000.]
 [280500.]
 [261500.]
 [469950.]
 [740000.]
```

```
 [492500.]
 [725000.]
 [437850.]]
Predicted value: 482230.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01317918  0.00246074  0.
  0.          0.01550947  0.01390535  0.01520306  0.          0.01342801
  0.          0.01344567 -0.01344644  0.01260194  0.00320566]
distances: [0.01396066 0.06759374 0.01844926 … 0.00615757 0.00649702
0.00946154]
sorted indices: [1236  904  959 … 1107 5226 2486]
selected indices: [1236  904  959 1653 1506 1686 4078 1361 1975 2782]
selected outputs: [[593450.]
 [322500.]
 [586000.]
 [355000.]
 [320000.]
 [601000.]
 [500000.]
 [520000.]
 [615000.]
 [305000.]]
Predicted value: 471795.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01401406  0.00125333  0.
  0.          0.0116321   0.01216718  0.01616615  0.          0.01363953
  0.          0.01344231 -0.01346658  0.00720111  0.0016225 ]
distances: [0.01459556 0.06756853 0.02154887 … 0.00860432 0.00983119
0.00908647]
sorted indices: [4390 4287  770 … 1107 5226 2486]
selected indices: [4390 4287  770 3421 5292 4059 5074 5111 5331 2955]
selected outputs: [[735000.]
 [590000.]
 [445000.]
 [551000.]
 [440000.]
 [652600.]
 [449950.]
 [631625.]
 [399500.]
 [804000.]]
Predicted value: 569867.5


query set: [ 0.01345102  0.01939106  0.01506227  0.01550492  0.00123246  0.
  0.          0.0116321   0.01216718  0.01788595  0.          0.01368047
  0.          0.01341456 -0.01344391  0.01401644  0.001947  ]
distances: [0.01840409 0.06791078 0.0227069  … 0.00854318 0.00575993
0.01334504]
```

```
sorted indices: [4992 2753  916 … 1107 5226 2486]
selected indices: [4992 2753  916  901 5101 5164 1014 5337 1263 5068]
selected outputs: [[349900.]
 [316000.]
 [335000.]
 [502500.]
 [450000.]
 [515805.]
 [359950.]
 [270500.]
 [572000.]
 [419354.]]
Predicted value: 409100.9


query set: [ 0.01345102  0.01551285  0.01506227  0.0201564   0.00885707  0.
  0.          0.0116321   0.01738169  0.02325173  0.          0.01341436
  0.          0.01347022 -0.01345271  0.02179621  0.00814292]
distances: [0.02797591 0.06966196 0.02879309 … 0.01628335 0.01327194
0.02414059]
sorted indices: [5229 3279  440 … 1107 5226 2486]
selected indices: [5229 3279  440 4017  101 2485 1965  834 1671 2279]
selected outputs: [[ 820000.]
 [ 782000.]
 [ 825000.]
 [ 655000.]
 [ 810000.]
 [ 510000.]
 [ 725000.]
 [ 875000.]
 [1337500.]
 [ 894000.]]
Predicted value: 823350.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00775246  0.00080259  0.
  0.          0.01550947  0.01216718  0.00529699  0.0135597   0.01314143
  0.          0.01348546 -0.013469    0.00745829  0.00202813]
distances: [0.01616107 0.06805856 0.01887209 … 0.02045061 0.02358722
0.01623053]
sorted indices: [1849 2048  417 … 1107 5226 2486]
selected indices: [1849 2048  417 4782  609 2641  853 1570 3317 1614]
selected outputs: [[483000.]
 [480000.]
 [512000.]
 [488000.]
 [443725.]
 [590000.]
 [390000.]
 [499922.]
```

```
 [460000.]
 [582500.]]
Predicted value: 492914.7


query set: [ 0.01345102  0.01163464  0.00602491  0.00632124  0.00149282  0.
  0.          0.0116321   0.01216718  0.00626008  0.00383765  0.01330519
  0.          0.01345585 -0.0134712   0.00951575  0.00192672]
distances: [0.00444274 0.06841842 0.01024897 … 0.01628473 0.01916675 0.0113464
]
sorted indices: [1185 2764 4643 … 1107 5226 2486]
selected indices: [1185 2764 4643  912 2947 2411 1157 3269 4839 3998]
selected outputs: [[333000.]
 [435000.]
 [818900.]
 [435000.]
 [339000.]
 [197200.]
 [345000.]
 [235000.]
 [420000.]
 [508300.]]
Predicted value: 406640.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00489001  0.00135927  0.
  0.01700788  0.0116321   0.01042901  0.00564095  0.          0.01331201
  0.          0.01344199 -0.01347043  0.00996582  0.00171823]
distances: [0.0179006  0.07135075 0.01875949 … 0.02438108 0.02716197
0.02102955]
sorted indices: [1364 3774 3831 … 1107 5226 2486]
selected indices: [1364 3774 3831 3977 4719 4442 4910 1877  877  172]
selected outputs: [[425000.]
 [389000.]
 [502000.]
 [448500.]
 [544000.]
 [565000.]
 [324950.]
 [245000.]
 [569000.]
 [729500.]]
Predicted value: 474195.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01311955  0.0035314   0.
  0.03401577  0.0116321   0.01564352  0.01513426  0.          0.01349624
  0.          0.01345959 -0.01344027  0.01414503  0.00521269]
distances: [0.03713688 0.07563811 0.03828345 … 0.03423668 0.03457048
0.03531442]
sorted indices: [2730 5510 4844 … 1107 5226 2486]
```

```
selected indices: [2730 5510 4844 1021 1917 1725 5076 5161 3925  813]
selected outputs: [[ 420000.]
 [ 388000.]
 [ 485000.]
 [ 725000.]
 [ 527900.]
 [1430000.]
 [ 695000.]
 [ 755000.]
 [ 422000.]
 [1901000.]]
Predicted value: 774890.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0098993   0.00261966  0.
  0.          0.01550947  0.01216718  0.01141949  0.          0.01331201
  0.          0.01342259 -0.01346735  0.00958004  0.00328556]
distances: [0.00755761 0.06779175 0.01349374 … 0.00980961 0.01300397
0.00723473]
sorted indices: [2652 2973 3179 … 1107 5226 2486]
selected indices: [2652 2973 3179 2018 2867 1884 1926 2134 2187 1919]
selected outputs: [[330000.]
 [216000.]
 [432000.]
 [251000.]
 [225000.]
 [242000.]
 [345000.]
 [575000.]
 [314950.]
 [320000.]]
Predicted value: 325095.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00912405  0.00283443  0.
  0.          0.01938684  0.01390535  0.01052519  0.          0.0134553
  0.          0.01344641 -0.01344677  0.01324489  0.0037423 ]
distances: [0.01087744 0.06829722 0.01319092 … 0.01144286 0.01382685
0.01039896]
sorted indices: [2877 1792 1381 … 1107 5226 2486]
selected indices: [2877 1792 1381 2102  586 3522 4821  257 1546 1137]
selected outputs: [[785000.]
 [678000.]
 [725000.]
 [425000.]
 [517100.]
 [329900.]
 [380000.]
 [255000.]
 [686000.]
```

```
  [700000.]]
Predicted value: 548100.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00739465  0.00198882  0.
  0.          0.0116321   0.01042901  0.00853022  0.          0.01329154
  0.          0.0135095  -0.01345722  0.01131603  0.00449433]
distances: [0.00393716 0.06851214 0.00862842 … 0.01404792 0.01697063
0.01099113]
sorted indices: [2817 1988 4335 … 1107 5226 2486]
selected indices: [2817 1988 4335 2191 4521 3265  584 2211 3382 3281]
selected outputs: [[427000.]
 [175000.]
 [326188.]
 [380000.]
 [447000.]
 [284000.]
 [299500.]
 [361000.]
 [315000.]
 [305240.]]
Predicted value: 331992.8


query set: [ 0.01345102  0.01163464  0.01506227  0.01347735  0.00133712  0.
  0.          0.0116321   0.01216718  0.01554702  0.          0.01368047
  0.          0.01345976 -0.01342883  0.01780988  0.00185208]
distances: [0.01623038 0.06771284 0.01701817 … 0.00371241 0.00600182
0.01064161]
sorted indices: [2721 3373   19 … 1107 5226 2486]
selected indices: [2721 3373   19 2776 1475 1178 4838 5441 1583 2820]
selected outputs: [[300000.]
 [452500.]
 [301000.]
 [729000.]
 [535000.]
 [441500.]
 [450000.]
 [480000.]
 [574000.]
 [561000.]]
Predicted value: 482400.0


query set: [ 0.01345102  0.01551285  0.00903736  0.00852771  0.00281709  0.
  0.          0.0116321   0.01216718  0.00708559  0.01023374  0.01350306
  0.          0.01337808 -0.0134701   0.00893709  0.00316388]
distances: [0.01157727 0.06760577 0.01640374 … 0.01705231 0.01883019
0.01358954]
sorted indices: [1944 4965 1134 … 1107 5226 2486]
selected indices: [1944 4965 1134 3952  494 4243 3500 4973 3363 2811]
```

```
selected outputs: [[345000.]
 [205000.]
 [239900.]
 [525000.]
 [330000.]
 [221000.]
 [402000.]
 [289950.]
 [271000.]
 [186000.]]
Predicted value: 301485.0

query set: [ 0.01345102  0.01163464  0.01355605  0.01288101  0.00493112  0.
  0.          0.0116321   0.01390535  0.00969969  0.01918826  0.01340754
  0.06680887  0.01346852 -0.01344314  0.01401644  0.0034397 ]
distances: [0.07048561 0.01155212 0.07084239 … 0.06986349 0.07021204
0.06996498]
sorted indices: [1287 4974  408 … 1107 5226 2486]
selected indices: [1287 4974  408 3064  663 3245 1118 1397  996 1767]
selected outputs: [[731100.]
 [872500.]
 [776500.]
 [501000.]
 [385000.]
 [538000.]
 [468000.]
 [530000.]
 [515000.]
 [299000.]]
Predicted value: 561610.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00512855  0.00124562  0.
  0.          0.01550947  0.01042901  0.00591612  0.          0.0130732
  0.          0.01348634 -0.01347098  0.00790836  0.00172796]
distances: [0.006542   0.06938974 0.01066467 … 0.01828463 0.02197019
0.01293013]
sorted indices: [ 512 4747 4251 … 1107 5226 2486]
selected indices: [ 512 4747 4251   32 4868 3449 1514 2093 2083 1243]
selected outputs: [[409000.]
 [325000.]
 [422000.]
 [205425.]
 [365000.]
 [409950.]
 [295000.]
 [342888.]
 [350000.]
 [350000.]]
```

Predicted value: 347426.3

query set: [0.01345102 0.01163464 0.01054359 0.00751392 0.00199781 0.
  0.   0.0116321   0.01216718 0.00564095 0.01125711 0.01353036
  0.   0.01339335 -0.01344534 0.00810125 0.00265806]
distances: [0.01240858 0.06774028 0.01624658 … 0.01811876 0.02081389
0.01365737]
sorted indices: [2078 4267 2153 … 1107 5226 2486]
selected indices: [2078 4267 2153 3579 3500 2811 3453 3327 730 4999]
selected outputs: [[270000.]
 [459500.]
 [315000.]
 [284000.]
 [402000.]
 [186000.]
 [274000.]
 [315275.]
 [450000.]
 [415000.]]
Predicted value: 337077.5

query set: [0.01345102 0.00775643 0.00602491 0.00805063 0.00324118 0.
  0.03401577 0.01550947 0.01216718 0.00928693 0.   0.01331884
  0.   0.01343275 -0.01340351 0.00822984 0.00409479]
distances: [0.03456852 0.07658642 0.03590873 … 0.03725468 0.03882876
0.03602336]
sorted indices: [1727 2318 3812 … 1107 5226 2486]
selected indices: [1727 2318 3812 3986 4557 1357 1800 2518 3304 532]
selected outputs: [[243000.]
 [255000.]
 [397000.]
 [295000.]
 [306000.]
 [220000.]
 [750000.]
 [503000.]
 [580000.]
 [320000.]]
Predicted value: 386900.0

query set: [0.01345102 0.01163464 0.01355605 0.01305991 0.00077562 0.
  0.   0.0116321   0.01390535 0.01506547 0.   0.01374187
  0.   0.0134834 -0.01346977 0.00970864 0.00146633]
distances: [0.01214124 0.06740058 0.01791612 … 0.00533168 0.00859212 0.0062683
]
sorted indices: [1230 5080 885 … 1107 5226 2486]
selected indices: [1230 5080 885 1545 5478 5138 5023 3118 5075 3077]
selected outputs: [[440000.]

```
 [540000.]
 [802000.]
 [495000.]
 [435000.]
 [329900.]
 [812000.]
 [385000.]
 [293000.]
 [617000.]]
Predicted value: 514890.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01264247  0.01831512  0.
  0.          0.0116321   0.01564352  0.01458393  0.          0.01357129
  0.          0.01350752 -0.01344203  0.02134614  0.01585264]
distances: [0.02829049 0.07136555 0.02686239 … 0.02284786 0.02208899
0.02709131]
sorted indices: [ 577 3295 2659 … 1107 5226 2486]
selected indices: [ 577 3295 2659 2364  550 3709 4952 3344 1367  822]
selected outputs: [[600000.]
 [545000.]
 [575000.]
 [510000.]
 [594000.]
 [770000.]
 [290000.]
 [370000.]
 [680000.]
 [580000.]]
Predicted value: 551400.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0123443   0.0015872   0.
  0.          0.0116321   0.01564352  0.01423997  0.          0.01316873
  0.          0.0134692  -0.0134592   0.02121755  0.00250636]
distances: [0.01784235 0.06826319 0.01676631 … 0.00710727 0.00757822
0.01273107]
sorted indices: [2680 2474 5354 … 1107 5226 2486]
selected indices: [2680 2474 5354 3534 4845 3592 3052 2253   19 5085]
selected outputs: [[535950.]
 [435000.]
 [605000.]
 [467000.]
 [552000.]
 [680000.]
 [522500.]
 [270000.]
 [301000.]
 [427874.]]
Predicted value: 479632.4
```

```
query set: [ 0.01345102  0.01939106  0.00903736  0.00900478  0.00291437  0.
  0.          0.01550947  0.01216718  0.01038761  0.          0.0133666
  0.          0.01342949 -0.01346152  0.00951575  0.00368226]
distances: [0.00986169 0.06846005 0.01648456 … 0.01383548 0.01450387
0.01143278]
sorted indices: [1412 1318  986 … 1107 5226 2486]
selected indices: [1412 1318  986 2959 1499 4679 3963 1647  715 1056]
selected outputs: [[158550.]
 [285900.]
 [385000.]
 [510000.]
 [230000.]
 [430000.]
 [249950.]
 [525000.]
 [330000.]
 [571900.]]
Predicted value: 367630.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01812883  0.01163628  0.
  0.          0.0116321   0.01564352  0.01843628  0.00921037  0.01312097
  0.06727653  0.01346459 -0.01343565  0.02263205  0.00534533]
distances: [0.0729048  0.01730821 0.07280914 … 0.06955829 0.0691025
0.07138146]
sorted indices: [2344  288  795 … 1107 5226 2486]
selected indices: [2344  288  795 2968   37 3551 1315  412 3498 4738]
selected outputs: [[ 580000.]
 [ 675000.]
 [1506000.]
 [1185000.]
 [1450000.]
 [ 975000.]
 [ 772650.]
 [ 900000.]
 [ 531500.]
 [ 625000.]]
Predicted value: 920015.0


query set: [ 0.01345102  0.01939106  0.02711209  0.02403263  0.00432564  0.
  0.          0.0116321   0.01911985  0.02772322  0.          0.01364635
  0.          0.01345664 -0.0134274   0.0248181   0.00504517]
distances: [0.03876751 0.07254265 0.03993464 … 0.02465168 0.02116704
0.03178641]
sorted indices: [5508 2934 5263 … 1107 5226 2486]
selected indices: [5508 2934 5263 5399 1327 4517 1076 5084 4269 5438]
selected outputs: [[1375000.]
 [ 966000.]
```

```
 [1299888.]
 [ 950000.]
 [ 852500.]
 [ 635000.]
 [ 688000.]
 [ 995500.]
 [1017100.]
 [ 988990.]]
Predicted value: 976797.8


query set: [ 0.01345102  0.01551285  0.0165685   0.01252321  0.00232302  0.
  0.          0.0116321   0.01390535  0.0096309   0.01790904  0.01350306
  0.          0.01349779 -0.01345348  0.01221616  0.0030499 ]
distances: [0.02227514 0.06743269 0.02479049 … 0.01952958 0.02020225
0.01912806]
sorted indices: [4399 3651 3744 … 1107 5226 2486]
selected indices: [4399 3651 3744 4325 3685  738 2342 1632  596 3923]
selected outputs: [[518000.]
 [550000.]
 [270000.]
 [500000.]
 [234500.]
 [500000.]
 [525000.]
 [445000.]
 [264900.]
 [383000.]]
Predicted value: 419040.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01073418  0.00273459  0.
  0.          0.0116321   0.01216718  0.01238258  0.          0.01361906
  0.          0.0133953  -0.01344831  0.01138032  0.00307058]
distances: [0.0110776  0.06751625 0.01501467 … 0.00575711 0.00971592
0.00480938]
sorted indices: [ 755 4858 4877 … 1107 5226 2486]
selected indices: [ 755 4858 4877 2379 3568 3345 4338  242  520 1915]
selected outputs: [[299950.]
 [315000.]
 [250000.]
 [265000.]
 [315000.]
 [279000.]
 [272000.]
 [265000.]
 [280000.]
 [236775.]]
Predicted value: 277772.5
```

```
query set: [ 0.01345102  0.01551285  0.01355605  0.01109198  0.00224725  0.
  0.         0.0116321   0.01390535  0.00770472  0.01893242  0.01350306
  0.         0.01338071 -0.01346526  0.01279482  0.00362507]
distances: [0.02166315 0.0677586  0.02363571 … 0.02120131 0.02202589
0.02022382]
sorted indices: [ 648 3685 1959 … 1107 5226 2486]
selected indices: [ 648 3685 1959 4325 1482  738   38 4399  596 2431]
selected outputs: [[627000.]
 [234500.]
 [340000.]
 [500000.]
 [440000.]
 [500000.]
 [260000.]
 [518000.]
 [264900.]
 [250600.]]
Predicted value: 393500.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00584416  0.00293267  0.
  0.         0.0116321   0.01216718  0.00674163  0.          0.01333931
  0.         0.01339114 -0.01345975  0.01144462  0.00370539]
distances: [0.00381718 0.06886796 0.00765151 … 0.0153592  0.01818695
0.01134322]
sorted indices: [1205 3260 3382 … 1107 5226 2486]
selected indices: [1205 3260 3382 3528 4085 3362 2211  806 3662 2903]
selected outputs: [[310000.]
 [240000.]
 [315000.]
 [330000.]
 [329950.]
 [241000.]
 [361000.]
 [210000.]
 [354950.]
 [400000.]]
Predicted value: 309190.0

query set: [ 0.01345102  0.01163464  0.01355605  0.01079381  0.00378823  0.
  0.         0.0116321   0.01216718  0.00853022  0.01458308  0.01348942
  0.         0.0134336  -0.01345337  0.0116375   0.00228813]
distances: [0.01722562 0.06713539 0.01928705 … 0.01698566 0.01902338
0.01557424]
sorted indices: [3042 2392 4477 … 1107 5226 2486]
selected indices: [3042 2392 4477 3175 3715 3247 3907 3441 3301 3704]
selected outputs: [[425000.]
 [440000.]
 [415000.]
```

```
 [162000.]
 [438000.]
 [310000.]
 [466000.]
 [334500.]
 [182700.]
 [350000.]]
Predicted value: 352320.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01252321  0.00255545  0.
  0.          0.0116321   0.01390535  0.00921814  0.01944411  0.01333931
  0.          0.0134642  -0.01344941  0.01324489  0.00322878]
distances: [0.02169618 0.06768678 0.02382189 … 0.02142067 0.02199076
0.02121785]
sorted indices: [4833 2170   38 … 1107 5226 2486]
selected indices: [4833 2170   38 4386 1959 2172 1862 3394  738  648]
selected outputs: [[559000.]
 [293550.]
 [260000.]
 [279000.]
 [340000.]
 [432000.]
 [560000.]
 [360000.]
 [500000.]
 [627000.]]
Predicted value: 421055.0


query set: [ 0.01345102  0.01939106  0.01204982  0.01490858  0.0048958
0.15811388
  0.06803154  0.01938684  0.01390535  0.01719803  0.          0.01325061
  0.          0.01345865 -0.01344016  0.01208757  0.00761845]
distances: [0.17315388 0.18524529 0.1736985  … 0.17264489 0.17253501 0.1729467
]
sorted indices: [2320 1449 5113 … 1107 5226 2486]
selected indices: [2320 1449 5113 4115 3821 1011 2584  368 2515 1846]
selected outputs: [[ 625000.]
 [1517000.]
 [ 988500.]
 [1200000.]
 [2000000.]
 [2400000.]
 [ 985000.]
 [1700000.]
 [ 629000.]
 [3100000.]]
Predicted value: 1514450.0
```

```
query set: [ 0.01345102  0.01163464  0.01506227  0.01067454  0.00076246  0.
  0.          0.0116321   0.01390535  0.01231379  0.          0.01369411
  0.          0.01348249 -0.01346977  0.00932286  0.0009735 ]
distances: [0.01090911 0.06761152 0.01652975 … 0.00705365 0.01063471
0.00248154]
sorted indices: [5077 3077 5430 … 1107 5226 2486]
selected indices: [5077 3077 5430 5316 5036 2731  690 1750  163 5093]
selected outputs: [[379900.]
 [617000.]
 [671500.]
 [378000.]
 [370000.]
 [260000.]
 [305000.]
 [596000.]
 [290000.]
 [545000.]]
Predicted value: 441240.0

query set: [ 0.01345102  0.00775643  0.00903736  0.00882588  0.01401163  0.
  0.          0.0116321   0.01390535  0.01018123  0.          0.01346895
  0.06700929  0.01344737 -0.0134329   0.0102873   0.01392349]
distances: [0.06936668 0.02150264 0.06953622 … 0.06997231 0.07065494 0.0700395
]
sorted indices: [4598 3880  240 … 1107 5226 2486]
selected indices: [4598 3880  240 2304 1109 2441 4988 1047 3100  891]
selected outputs: [[ 400000.]
 [ 492000.]
 [ 287653.]
 [ 667000.]
 [ 620000.]
 [ 808000.]
 [ 234000.]
 [ 235000.]
 [ 552775.]
 [1008000.]]
Predicted value: 530442.8

query set: [ 0.01345102  0.01163464  0.00602491  0.01431223  0.00553435  0.
  0.          0.01550947  0.01216718  0.01300171  0.01304802  0.01323696
  0.          0.01350438 -0.01345491  0.01536665  0.00298134]
distances: [0.01794383 0.06736713 0.01916204 … 0.01710984 0.01809951
0.01913588]
sorted indices: [2766 1894 3045 … 1107 5226 2486]
selected indices: [2766 1894 3045 1395 2747 4345 3442  913 3096 2163]
selected outputs: [[ 615000.]
 [ 415000.]
 [ 573500.]
```

```
[ 260000.]
[ 445500.]
[ 503000.]
[ 370000.]
[ 830000.]
[1110000.]
[ 355000.]]
Predicted value: 547700.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01222503  0.00337698  0.
  0.          0.0116321   0.01216718  0.00853022  0.02072332  0.01350306
  0.          0.01341267 -0.01344402  0.01138032  0.00389603]
distances: [0.02212804 0.06778678 0.02396853 … 0.02280821 0.02428778
0.02210858]
sorted indices: [2205   154 2926 … 1107 5226 2486]
selected indices: [2205   154 2926 3372   882 2283 3142 4832 2631 1874]
selected outputs: [[520000.]
 [638700.]
 [268000.]
 [350000.]
 [338500.]
 [700000.]
 [430000.]
 [399950.]
 [535000.]
 [343000.]]
Predicted value: 452315.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00870661  0.00254582  0.
  0.          0.0116321   0.01216718  0.01004365  0.          0.01357129
  0.          0.0133938  -0.01343334  0.01048018  0.00321661]
distances: [0.00690809 0.0678108   0.01198085 … 0.00920916 0.01277029
0.00494898]
sorted indices: [4367    35 1408 … 1107 5226 2486]
selected indices: [4367    35 1408 1164 1075 4743   500 4227 1797 1994]
selected outputs: [[305000.]
 [391500.]
 [258000.]
 [285000.]
 [167000.]
 [269000.]
 [210000.]
 [222500.]
 [528000.]
 [231200.]]
Predicted value: 286720.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00852771  0.00200327  0.
```

```
      0.          0.01938684   0.01216718   0.00983727   0.          0.01332566
      0.          0.01349794  -0.01346218   0.00906568   0.0025311 ]
distances: [0.0089809   0.0688169   0.0152443   …  0.01578435 0.01742112
0.01295433]
sorted indices: [3093 1974 1579 … 1107 5226 2486]
selected indices: [3093 1974 1579  887 1847  276 3074 2582 4834  449]
selected outputs: [[231000.]
 [875000.]
 [335000.]
 [355000.]
 [435000.]
 [315000.]
 [385000.]
 [373000.]
 [320000.]
 [345000.]]
Predicted value: 396900.0

query set: [ 0.01345102   0.01551285   0.01204982   0.00936259   0.00302256   0.
   0.          0.01550947   0.01216718   0.01080036   0.          0.01353718
   0.          0.01338187  -0.0134471    0.00996582   0.0036417 ]
distances: [0.00917222 0.06793138 0.01498205 … 0.01036929 0.0123516
0.00765586]
sorted indices: [ 574 3073 1647 … 1107 5226 2486]
selected indices: [ 574 3073 1647 1573 1056  715 3956  597 3272 2347]
selected outputs: [[205000.]
 [440000.]
 [525000.]
 [287000.]
 [571900.]
 [330000.]
 [400000.]
 [230000.]
 [334009.]
 [304000.]]
Predicted value: 362690.9

query set: [ 0.01345102   0.01551285   0.0165685    0.01371589   0.01204946   0.
   0.05102365   0.01938684   0.01390535   0.01066278   0.01918826   0.01350306
   0.          0.01339731  -0.01347538   0.01369496   0.00409357]
distances: [0.05784374 0.08554884 0.05848504 … 0.05641899 0.05652149 0.0568663
]
sorted indices: [2139 2838 4893 … 1107 5226 2486]
selected indices: [2139 2838 4893 2458  201  507 1996 4039 2687 4614]
selected outputs: [[871000.]
 [545000.]
 [655000.]
 [675000.]
```

```
  [501000.]
  [345000.]
  [942000.]
  [960000.]
  [901000.]
  [612000.]]
Predicted value: 700700.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01431223  0.00246556  0.
  0.          0.0116321   0.01216718  0.00825505  0.03070122  0.01334613
  0.          0.01347514 -0.01347076  0.01716693  0.00257247]
distances: [0.03506257 0.07045052 0.03543096 … 0.0321207  0.03237409
0.03261735]
sorted indices: [2035 2930 4798 … 1107 5226 2486]
selected indices: [2035 2930 4798 3628 1887 1405 4596 1238  962 1920]
selected outputs: [[740000.]
 [855000.]
 [361000.]
 [469950.]
 [515000.]
 [280500.]
 [492500.]
 [325000.]
 [525000.]
 [300000.]]
Predicted value: 486395.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01121125  0.00282512  0.
  0.          0.0116321   0.01216718  0.00777351  0.01918826  0.01337342
  0.          0.01343755 -0.0134646   0.00861561  0.00354232]
distances: [0.02058592 0.06783272 0.0240983  … 0.02262751 0.02379901
0.02085312]
sorted indices: [1785 1601 4386 … 1107 5226 2486]
selected indices: [1785 1601 4386 4142 2170  530 3408 1391 2816 3832]
selected outputs: [[424500.]
 [250000.]
 [279000.]
 [180000.]
 [293550.]
 [399950.]
 [475999.]
 [355000.]
 [268500.]
 [423000.]]
Predicted value: 334949.9


query set: [ 0.01345102  0.00775643  0.00602491  0.00751392  0.00140518  0.
  0.          0.01550947  0.01216718  0.00866781  0.          0.01328472
```

```
    0.          0.0134899  -0.01346691   0.00912998   0.00258627]
distances: [0.00557935 0.06869648 0.01056197 … 0.01515081 0.01873706
0.01124609]
sorted indices: [4490  138 3870 … 1107 5226 2486]
selected indices: [4490  138 3870 3796 4101 3593 1989 4604 4397 4789]
selected outputs: [[575000.]
 [300000.]
 [345000.]
 [395000.]
 [365000.]
 [325000.]
 [335000.]
 [244000.]
 [390000.]
 [180000.]]
Predicted value: 345400.0


query set: [ 0.01345102   0.01163464   0.01054359   0.01550492   0.00246171   0.
  0.          0.01550947   0.01390535   0.00894297   0.03325965   0.01342801
  0.          0.01338849  -0.01343301   0.01273053   0.00554246]
distances: [0.03528453 0.07089437 0.03646371 … 0.0347047  0.03538959
0.03495783]
sorted indices: [3782 4660 4275 … 1107 5226 2486]
selected indices: [3782 4660 4275 4986  559 4783   42   78 2508 3124]
selected outputs: [[459900.]
 [315000.]
 [280500.]
 [299000.]
 [760000.]
 [465000.]
 [452000.]
 [385000.]
 [475000.]
 [710000.]]
Predicted value: 460140.0


query set: [ 0.01345102   0.00775643   0.01506227   0.00882588   0.00069569   0.
  0.          0.0116321    0.01390535   0.0095621    0.00230259   0.01369411
  0.          0.01348057  -0.01344247   0.01369496   0.00103678]
distances: [0.01179315 0.06776929 0.01269395 … 0.00910087 0.01331086
0.00604424]
sorted indices: [5476 2746 1694 … 1107 5226 2486]
selected indices: [5476 2746 1694 4126 2097 5347  268 4437 2397 5429]
selected outputs: [[485000.]
 [555000.]
 [378000.]
 [160000.]
 [335000.]
```

```
 [525000.]
 [420000.]
 [530000.]
 [375000.]
 [510000.]]
Predicted value: 427300.0


query set: [ 0.01345102  0.01551285  0.01355605  0.0098993   0.00235962  0.
  0.          0.0116321   0.01390535  0.01141949  0.          0.01340754
  0.06727653  0.0134694  -0.01344159  0.01150891  0.00302394]
distances: [0.06803837 0.01286741 0.06897346 … 0.06771044 0.06793663
0.06750948]
sorted indices: [4489 3347 3842 … 1107 5226 2486]
selected indices: [4489 3347 3842 4468 1596 3578  535  442 2521 4402]
selected outputs: [[605004.]
 [492000.]
 [370000.]
 [447500.]
 [670000.]
 [397950.]
 [550000.]
 [561000.]
 [487000.]
 [485000.]]
Predicted value: 506545.4


query set: [ 0.01345102  0.00775643  0.00903736  0.00882588  0.00043308  0.
  0.          0.0116321   0.01216718  0.00853022  0.00614024  0.01369411
  0.          0.0134461  -0.01347043  0.00996582  0.00054719]
distances: [0.00849049 0.06760022 0.01225377 … 0.01381536 0.01752123
0.00980615]
sorted indices: [5205 5105 5366 … 1107 5226 2486]
selected indices: [5205 5105 5366 5055 1885 3657 5043 5464 4228 3068]
selected outputs: [[390000.]
 [342500.]
 [450000.]
 [379900.]
 [441000.]
 [550000.]
 [349000.]
 [403000.]
 [313500.]
 [370000.]]
Predicted value: 398890.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00542672  0.00277953  0.
  0.          0.0116321   0.01216718  0.00626008  0.          0.01333931
  0.          0.01350682 -0.0134613   0.00752259  0.00413738]
```

distances: [0.00340305 0.06906796 0.01095282 … 0.01710046 0.02006844
0.01184555]
sorted indices: [1096 744 4723 … 1107 5226 2486]
selected indices: [1096 744 4723 1741 3648 3377 4413 3493 3152 2360]
selected outputs: [[191000.]
 [225000.]
 [206000.]
 [230000.]
 [326000.]
 [210000.]
 [270000.]
 [340000.]
 [164000.]
 [305000.]]
Predicted value: 246700.0

query set: [0.01345102 0.01163464 0.01054359 0.01061491 0.00311052 0.
  0.   0.0116321   0.01216718 0.00777351 0.01662983 0.01348259
  0.   0.013508   -0.01344589 0.01067307 0.00396945]
distances: [0.01785064 0.06743998 0.02011158 … 0.01974678 0.02166482
0.01814816]
sorted indices: [2572 174 585 … 1107 5226 2486]
selected indices: [2572 174 585 2420 2258 2024 2751 3441 382 3642]
selected outputs: [[255000.]
 [240000.]
 [288350.]
 [385000.]
 [287000.]
 [420000.]
 [250000.]
 [334500.]
 [249000.]
 [412500.]]
Predicted value: 312135.0

query set: [0.01345102 0.01939106 0.01807473 0.02594093 0.0119326   0.
  0.   0.0116321   0.01738169 0.02029367 0.03581809 0.0134553
  0.   0.01347661 -0.01344556 0.02108896 0.01688658]
distances: [0.04992101 0.0755916 0.05066598 … 0.0435591 0.04207699
0.04762212]
sorted indices: [485 3262 3415 … 1107 5226 2486]
selected indices: [485 3262 3415 4262 4377 2919 4191   14 2961 4429]
selected outputs: [[668000.]
 [595000.]
 [1127500.]
 [770000.]
 [696000.]
 [935000.]

```
 [1980000.]
 [ 775000.]
 [1450000.]
 [1802750.]]
Predicted value: 1079925.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00852771  0.00247198  0.
  0.          0.01550947  0.01216718  0.00674163  0.01151296  0.01351671
  0.          0.0134052  -0.01344809  0.00919427  0.00349852]
distances: [0.01320504 0.06756736 0.01652716 … 0.01749059 0.02000453
0.01410422]
sorted indices: [1311 1829  480 … 1107 5226 2486]
selected indices: [1311 1829  480 2641 1676  476 1226 4242 4540 1677]
selected outputs: [[279950.]
 [204000.]
 [386500.]
 [590000.]
 [536000.]
 [249000.]
 [224000.]
 [324950.]
 [550000.]
 [260000.]]
Predicted value: 360440.0


query set: [ 0.01345102  0.01551285  0.01958096  0.02361519  0.00225111  0.
  0.          0.0116321   0.01738169  0.02724167  0.          0.01368047
  0.          0.01345783 -0.01343675  0.02366078  0.00345674]
distances: [0.0330847  0.07064647 0.03427859 … 0.0191825  0.01587674
0.02719794]
sorted indices: [4502 5141 5522 … 1107 5226 2486]
selected indices: [4502 5141 5522 4305 1921 1256 3995  650  862 4018]
selected outputs: [[ 825000.]
 [1060000.]
 [ 810000.]
 [ 920000.]
 [1146800.]
 [1050000.]
 [ 912000.]
 [ 865000.]
 [ 762000.]
 [ 970000.]]
Predicted value: 932080.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00930295  0.00271276  0.
  0.          0.01550947  0.01042901  0.01073157  0.          0.01333248
  0.          0.01342101 -0.01346691  0.00887279  0.00328556]
distances: [0.0068503   0.06838083 0.01419257 … 0.01415184 0.01598426
```

```
0.01173252]
sorted indices: [1385 1847  887 … 1107 5226 2486]
selected indices: [1385 1847  887 4033 4834  276   57 2226 4700 1499]
selected outputs: [[366350.]
 [435000.]
 [355000.]
 [282500.]
 [320000.]
 [315000.]
 [615000.]
 [426250.]
 [265000.]
 [230000.]]
Predicted value: 361010.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01019747  0.00229027  0.
  0.          0.01550947  0.01216718  0.00777351  0.01483892  0.01350306
  0.          0.01340288 -0.01344897  0.01150891  0.00302394]
distances: [0.01764131 0.06736126 0.01960442 … 0.0179855  0.02004846
0.01617458]
sorted indices: [  77 4359 1840 … 1107 5226 2486]
selected indices: [  77 4359 1840 3207 1832 3121 4226 4230  354 2991]
selected outputs: [[260000.]
 [231000.]
 [550000.]
 [520000.]
 [508800.]
 [197400.]
 [225000.]
 [339000.]
 [461000.]
 [300000.]]
Predicted value: 359220.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00757356  0.00629295  0.
  0.          0.0116321   0.01042901  0.0087366   0.          0.01348942
  0.          0.01338772 -0.01343323  0.00816554  0.00717916]
distances: [0.00793158 0.06885506 0.01151188 … 0.01664385 0.02011542
0.01398377]
sorted indices: [4295 3849 4888 … 1107 5226 2486]
selected indices: [4295 3849 4888 2356 4060 1757 1806 2620 1125 2197]
selected outputs: [[300000.]
 [225000.]
 [279475.]
 [425000.]
 [129000.]
 [280000.]
 [255000.]
```

```
 [196700.]
 [150000.]
 [139000.]]
Predicted value: 237917.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01091308  0.00409321  0.
  0.          0.0116321   0.01216718  0.01258896  0.          0.01358494
  0.          0.01343376 -0.01346405  0.01035159  0.00405625]
distances: [0.01131707 0.06752536 0.01566395 … 0.00674142 0.01039768
0.00604482]
sorted indices: [5035  727 4441 … 1107 5226 2486]
selected indices: [5035  727 4441 4338 2408 2812 2257 3829  755 1915]
selected outputs: [[369950.]
 [334000.]
 [287600.]
 [272000.]
 [625000.]
 [450000.]
 [280000.]
 [283748.]
 [299950.]
 [236775.]]
Predicted value: 343902.3


query set: [ 0.01345102  0.01163464  0.00602491  0.00739465  0.00195511  0.
  0.          0.01550947  0.01216718  0.00853022  0.          0.01330519
  0.          0.01350557 -0.01346174  0.00996582  0.00368957]
distances: [0.00437437 0.0685927  0.01047662 … 0.01453013 0.01732858 0.0109034
]
sorted indices: [2552 1898 3177 … 1107 5226 2486]
selected indices: [2552 1898 3177 1474 2409  330 1595 1861  338 4817]
selected outputs: [[385000.]
 [239000.]
 [445000.]
 [350000.]
 [201500.]
 [130000.]
 [248000.]
 [300000.]
 [276900.]
 [344950.]]
Predicted value: 292035.0


query set: [ 0.01345102  0.00775643  0.01958096  0.00936259  0.00065202  0.
  0.          0.0116321   0.01390535  0.00901177  0.00665193  0.01368729
  0.          0.01344726 -0.01346922  0.01009441  0.00082707]
distances: [0.01606514 0.06760026 0.0185498  … 0.01282633 0.01645593
0.00906933]
```

```
sorted indices: [5432 3640 4297 … 1107 5226 2486]
selected indices: [5432 3640 4297 5289  165 5437 5377 5069 5501 1080]
selected outputs: [[559000.]
 [405500.]
 [346500.]
 [654000.]
 [531000.]
 [448000.]
 [300000.]
 [388000.]
 [390000.]
 [395000.]]
Predicted value: 441700.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01180759  0.00210792  0.
  0.          0.0116321   0.01390535  0.01362084  0.          0.01367364
  0.          0.0134     -0.01343862  0.01665256  0.00283897]
distances: [0.01476058 0.06779551 0.01666192 … 0.00515954 0.0052523
0.00928909]
sorted indices: [1351 2307 5390 … 1107 5226 2486]
selected indices: [1351 2307 5390 5417 1504 3955 4810 3857 2735 2498]
selected outputs: [[319950.]
 [329800.]
 [425000.]
 [385000.]
 [325000.]
 [369950.]
 [310000.]
 [250000.]
 [345000.]
 [374950.]]
Predicted value: 343465.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01532602  0.00308195  0.
  0.          0.01550947  0.01564352  0.01767957  0.          0.01338707
  0.          0.01345605 -0.01345447  0.01652397  0.00535425]
distances: [0.01823604 0.06793737 0.02080835 … 0.00758324 0.00524721
0.01413191]
sorted indices: [1521 4721 2749 … 1107 5226 2486]
selected indices: [1521 4721 2749 3238  106 2894 4461 1003 2472 3043]
selected outputs: [[925000.]
 [808000.]
 [998000.]
 [690000.]
 [799000.]
 [825000.]
 [870000.]
 [375000.]
```

```
 [479950.]
 [700000.]]
Predicted value: 746995.0


query set: [ 0.01345102   0.01551285   0.00602491   0.01276174   0.00135381   0.
  0.          0.0116321    0.01042901   0.00908056   0.02097917   0.01313461
  0.          0.01344737  -0.01345953   0.01105884   0.00219565]
distances: [0.02231863 0.06823624 0.02504589 … 0.02460125 0.02548519
0.02386538]
sorted indices: [3202 4523 2865 … 1107 5226 2486]
selected indices: [3202 4523 2865 2263 1785 3408 4142 4832 2898 3988]
selected outputs: [[280000.]
 [325000.]
 [450000.]
 [400000.]
 [424500.]
 [475999.]
 [180000.]
 [399950.]
 [334900.]
 [605000.]]
Predicted value: 387534.9


query set: [ 0.01345102   0.01551285   0.01506227   0.01228467   0.00271308   0.
  0.          0.0116321    0.01390535   0.01417117   0.           0.01361223
  0.          0.01349499  -0.0134646    0.01324489   0.00383721]
distances: [0.01373419 0.06756236 0.01762405 … 0.00486729 0.00564614
0.00811594]
sorted indices: [1468 2622 4139 … 1107 5226 2486]
selected indices: [1468 2622 4139 3476 1766  741 2739 4576 3178 4127]
selected outputs: [[550000.]
 [260000.]
 [545000.]
 [333000.]
 [316000.]
 [380000.]
 [545000.]
 [610000.]
 [348450.]
 [270000.]]
Predicted value: 415745.0


query set: [ 0.01345102   0.01163464   0.01054359   0.01061491   0.01213549   0.
  0.          0.0116321    0.01216718   0.00894297   0.01228049   0.01348942
  0.          0.01345795  -0.0134296    0.01530235   0.01925908]
distances: [0.02497748 0.0697979  0.02406317 … 0.02493824 0.02599992
0.02636652]
sorted indices: [4241  719 1018 … 1107 5226 2486]
```

```
selected indices: [4241  719 1018  655 2500 1649 2526  450 4569 3108]
selected outputs: [[425000.]
 [460000.]
 [494000.]
 [235000.]
 [306500.]
 [280000.]
 [472500.]
 [300000.]
 [550000.]
 [429000.]]
Predicted value: 395200.0

query set: [ 0.01345102  0.00775643  0.00602491  0.0041744   0.00166939  0.
  0.          0.01938684  0.01042901  0.00481545  0.          0.01331884
  0.          0.01343153 -0.01344721  0.00662245  0.00210925]
distances: [0.01006588 0.07006447 0.01350389 … 0.02090418 0.02441009 0.0155072
]
sorted indices: [4307 3270  790 … 1107 5226 2486]
selected indices: [4307 3270  790 1754 3701 3244  593 2107 4218 2825]
selected outputs: [[191000.]
 [285950.]
 [415000.]
 [280000.]
 [195000.]
 [191000.]
 [250000.]
 [245000.]
 [245000.]
 [299000.]]
Predicted value: 259695.0

query set: [ 0.01345102  0.01163464  0.01506227  0.00930295  0.00134835  0.
  0.          0.0116321   0.01216718  0.01073157  0.          0.01366682
  0.          0.01340082 -0.01343081  0.01003011  0.00170363]
distances: [0.00981404 0.0677345  0.01460311 … 0.00813726 0.01193767 0.0023035
]
sorted indices: [2870 2605 5277 … 1107 5226 2486]
selected indices: [2870 2605 5277  489 4664  177 2635 4828 4117 1608]
selected outputs: [[295000.]
 [355000.]
 [255900.]
 [320000.]
 [339900.]
 [337000.]
 [500000.]
 [365000.]
 [485000.]
```

```
 [260000.]]
Predicted value: 351280.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01308973  0.0008607   0.
  0.          0.0116321   0.01216718  0.00729196  0.02903824  0.01304591
  0.          0.01348925 -0.01346559  0.01099455  0.0005192 ]
distances: [0.03068675 0.06975998 0.03277462 … 0.0309402  0.03164605
0.02997615]
sorted indices: [3185 2857  785 … 1107 5226 2486]
selected indices: [3185 2857  785 2963 4997  992   41 1238 2324 3112]
selected outputs: [[417000.]
 [525000.]
 [200000.]
 [440000.]
 [875000.]
 [711777.]
 [220000.]
 [325000.]
 [575000.]
 [335000.]]
Predicted value: 462377.7


query set: [ 0.01345102  0.01163464  0.00602491  0.00620197  0.0028797   0.
  0.          0.01550947  0.01042901  0.00715438  0.          0.01338025
  0.          0.01338512 -0.01346504  0.00668674  0.00342753]
distances: [0.00508239 0.06902479 0.01236838 … 0.01729894 0.0203234
0.01236922]
sorted indices: [3481 3702 3422 … 1107 5226 2486]
selected indices: [3481 3702 3422 1907 4094 3970 2551  640 1684 3198]
selected outputs: [[180000.]
 [255000.]
 [172380.]
 [219900.]
 [285000.]
 [160000.]
 [160000.]
 [207500.]
 [225000.]
 [190000.]]
Predicted value: 205478.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00876624  0.00149378  0.
  0.          0.01550947  0.01216718  0.01011244  0.          0.013544
  0.          0.01345254 -0.01342993  0.01003011  0.00167077]
distances: [0.00901413 0.06791768 0.01384512 … 0.00973311 0.01321884
0.00480503]
sorted indices: [ 757 4507 3692 … 1107 5226 2486]
selected indices: [ 757 4507 3692  244 4053 3558 3507 2609 2450 3176]
```

```
selected outputs: [[313500.]
 [275250.]
 [415000.]
 [275000.]
 [279950.]
 [379000.]
 [418000.]
 [720001.]
 [259900.]
 [260000.]]
Predicted value: 359560.1


query set: [ 0.01345102  0.00775643  0.00602491  0.00536709  0.0024463   0.
  0.          0.0116321   0.01216718  0.00619129  0.          0.01344848
  0.          0.01344126 -0.0134657   0.00977293  0.00309086]
distances: [0.0048917   0.06911275 0.00803974 … 0.01672253 0.02033606
0.01196624]
sorted indices: [ 840 4084 2367 … 1107 5226 2486]
selected indices: [ 840 4084 2367 3540 1660 4989 3752 3567  118 4395]
selected outputs: [[ 95000.]
 [370000.]
 [412133.]
 [415000.]
 [327000.]
 [257000.]
 [420000.]
 [580000.]
 [375000.]
 [285000.]]
Predicted value: 353613.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01532602  0.00168544  0.
  0.          0.0116321   0.01390535  0.01767957  0.          0.01357812
  0.          0.01345526 -0.01342795  0.01453081  0.00218713]
distances: [0.01717425 0.0676071  0.02085357 … 0.00474762 0.00248547
0.01144415]
sorted indices: [   96 5322 3210 … 1107 5226 2486]
selected indices: [   96 5322 3210 3938 1690  305 4166 3574  525 1535]
selected outputs: [[552250.]
 [386000.]
 [583000.]
 [575000.]
 [612000.]
 [510000.]
 [570000.]
 [885000.]
 [352000.]
 [321000.]]
```

Predicted value: 534625.0

query set: [0.01345102 0.01163464 0.01054359 0.00882588 0.00247198 0.
  0.   0.0116321   0.01390535 0.01018123 0.   0.01347577
  0.   0.01349661 -0.01345018 0.01240905 0.00347215]
distances: [0.00686573 0.06787873 0.0107608 … 0.00887504 0.01199763
0.00631834]
sorted indices: [1073 1266 386 … 1107 5226 2486]
selected indices: [1073 1266 386 4872 2180 1689 1411 1726 4894 3846]
selected outputs: [[315000.]
 [450000.]
 [390000.]
 [289999.]
 [510000.]
 [367500.]
 [334000.]
 [220000.]
 [424500.]
 [169000.]]
Predicted value: 346999.9

query set: [0.01345102 0.01163464 0.00903736 0.00882588 0.00291694 0.
  0.   0.0116321   0.01216718 0.01018123 0.   0.01338707
  0.   0.01342568 -0.0134635   0.00990152 0.00395484]
distances: [0.00470885 0.06793599 0.01127298 … 0.01082206 0.01400555 0.007572
]
sorted indices: [4134 1778 575 … 1107 5226 2486]
selected indices: [4134 1778 575 3722 3133 1032 2154 1796 587 2400]
selected outputs: [[365000.]
 [465000.]
 [310000.]
 [418900.]
 [815000.]
 [441000.]
 [224000.]
 [419900.]
 [390000.]
 [325000.]]
Predicted value: 417380.0

query set: [0.01345102 0.01939106 0.01355605 0.01502785 0.00375613 0.
  0.   0.0116321   0.01564352 0.01733561 0.   0.01348942
  0.   0.01347107 -0.01343378 0.01626679 0.0048675]
distances: [0.01862167 0.06812185 0.02185282 … 0.00915651 0.00515537 0.0147546
]
sorted indices: [4842 1014 5444 … 1107 5226 2486]
selected indices: [4842 1014 5444 1263 130 901 2106 3026 3165 828]
selected outputs: [[955000.]

```
[ 359950.]
[ 492500.]
[ 572000.]
[ 359500.]
[ 502500.]
[ 616000.]
[ 372000.]
[ 728000.]
[1306000.]]
Predicted value: 626345.0


query set: [ 0.01345102  0.02326928  0.0165685   0.02146835  0.00310603  0.
  0.03401577  0.01550947  0.01564352  0.01334567  0.04247002  0.01348942
  0.          0.01345421 -0.01345139  0.01922438  0.00392442]
distances: [0.05989101 0.08308173 0.06089301 … 0.05665962 0.05575307
0.05816755]
sorted indices: [4067  100  732 … 1107 5226 2486]
selected indices: [4067  100  732 4133  464   54 3523 4029 5378 2922]
selected outputs: [[ 497300.]
 [ 795000.]
 [ 769000.]
 [ 887000.]
 [ 975000.]
 [1095000.]
 [ 875000.]
 [ 570000.]
 [ 664950.]
 [ 514500.]]
Predicted value: 764275.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01490858  0.00160518  0.
  0.          0.01550947  0.01216718  0.01004365  0.02660772  0.01314143
  0.          0.01348727 -0.01346438  0.01105884  0.00182531]
distances: [0.03090615 0.06905201 0.03326196 … 0.02821588 0.02871692
0.02808313]
sorted indices: [3412 1222  496 … 1107 5226 2486]
selected indices: [3412 1222  496 2161 2534 4770 4730 2874  477  767]
selected outputs: [[793000.]
 [475000.]
 [485000.]
 [380000.]
 [749500.]
 [360000.]
 [680000.]
 [522500.]
 [824500.]
 [505000.]]
Predicted value: 577450.0
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.01091308  0.00386399  0.
  0.          0.0116321   0.01216718  0.01066278  0.00716362  0.01348942
  0.          0.01338068 -0.01343268  0.0116375   0.0048821 ]
distances: [0.00963805 0.06733011 0.01324736 … 0.01367876 0.01587943
0.01315383]
sorted indices: [1746 4665 2673 … 1107 5226 2486]
selected indices: [1746 4665 2673   80  745 3306 2855 2556  271  636]
selected outputs: [[250000.]
 [400000.]
 [460000.]
 [780000.]
 [265000.]
 [435000.]
 [420000.]
 [291600.]
 [260000.]
 [294000.]]
Predicted value: 385560.0

query set: [ 0.01345102  0.01551285  0.01204982  0.00775246  0.00226459  0.
  0.          0.0116321   0.01216718  0.00894297  0.          0.01330519
  0.06724312  0.01343569 -0.01346856  0.01003011  0.00287994]
distances: [0.06765148 0.0147143  0.06856453 … 0.0681783  0.06859122
0.06754347]
sorted indices: [3347 4355 4797 … 1107 5226 2486]
selected indices: [3347 4355 4797 4402 4315 2925 4489  443 4566 2296]
selected outputs: [[492000.]
 [297950.]
 [536000.]
 [485000.]
 [465000.]
 [475000.]
 [605004.]
 [219900.]
 [291750.]
 [510000.]]
Predicted value: 437760.4

query set: [ 0.01345102  0.01551285  0.01355605  0.010436    0.00326173  0.
  0.          0.0116321   0.01390535  0.00908056  0.01100127  0.0134553
  0.          0.01345939 -0.01344534  0.01395215  0.0045288 ]
distances: [0.01561675 0.06717565 0.01768127 … 0.01407779 0.0150602
0.01352353]
sorted indices: [ 897 3232 3030 … 1107 5226 2486]
selected indices: [ 897 3232 3030 1216  681 3607 4924  565 4010  463]
selected outputs: [[249000.]
 [606150.]
```

```
 [429950.]
 [274000.]
 [356500.]
 [385000.]
 [403000.]
 [399000.]
 [485000.]
 [327500.]]
Predicted value: 391510.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01317918  0.00356703  0.
  0.          0.0116321   0.01216718  0.01520306  0.          0.01319602
  0.          0.01343142 -0.01346196  0.00803695  0.00341617]
distances: [0.01008474 0.06754881 0.01698507 … 0.00934063 0.01191552
0.00996402]
sorted indices: [1340 1102 3220 … 1107 5226 2486]
selected indices: [1340 1102 3220 3917 3136 4077 3234 1136  490 1496]
selected outputs: [[307000.]
 [235000.]
 [209950.]
 [195000.]
 [583000.]
 [330000.]
 [544950.]
 [390000.]
 [300000.]
 [360000.]]
Predicted value: 345490.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00465148  0.00192622  0.
  0.          0.01938684  0.01042901  0.00536578  0.          0.01312097
  0.          0.01342686 -0.01345084  0.00694392  0.00243375]
distances: [0.0097126  0.06988844 0.01317911 … 0.02029347 0.02379529
0.01516708]
sorted indices: [3270 4307 3701 … 1107 5226 2486]
selected indices: [3270 4307 3701 4433  790 3244 1754  668 2089  593]
selected outputs: [[285950.]
 [191000.]
 [195000.]
 [416000.]
 [415000.]
 [191000.]
 [280000.]
 [205500.]
 [222900.]
 [250000.]]
Predicted value: 265235.0
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.00685795  0.00327329  0.
  0.          0.01550947  0.01216718  0.00791109  0.          0.01335295
  0.          0.01348425 -0.01344578  0.00906568  0.0036202 ]
distances: [0.00438273 0.06873997 0.01077777 … 0.01543676 0.01826664
0.01139901]
sorted indices: [2409 4582 4108 … 1107 5226 2486]
selected indices: [2409 4582 4108 3008  330 1474 1935 3565 1636 2266]
selected outputs: [[201500.]
 [360000.]
 [416000.]
 [215000.]
 [130000.]
 [350000.]
 [206000.]
 [230000.]
 [354500.]
 [290000.]]
Predicted value: 275300.0

query set: [ 0.01345102  0.01551285  0.0165685   0.01550492  0.01174447  0.
  0.          0.01938684  0.01390535  0.01086915  0.02609604  0.01348259
  0.          0.01345998 -0.01343389  0.01478799  0.01128449]
distances: [0.0341651  0.07035542 0.03491617 … 0.03105717 0.03106387
0.03266926]
sorted indices: [2061 1731  327 … 1107 5226 2486]
selected indices: [2061 1731  327 1153 2019 2046 3462  937  451 1007]
selected outputs: [[710000.]
 [607500.]
 [500000.]
 [640000.]
 [585000.]
 [460000.]
 [492000.]
 [375000.]
 [368000.]
 [310597.]]
Predicted value: 504809.7

query set: [ 0.01345102  0.01163464  0.01054359  0.01222503  0.00290377  0.
  0.          0.01550947  0.01042901  0.01410238  0.          0.0133666
  0.          0.01342158 -0.01344776  0.00771547  0.00366888]
distances: [0.01025211 0.06764685 0.01679567 … 0.01010179 0.0130617
0.00950642]
sorted indices: [3220 2484 4234 … 1107 5226 2486]
selected indices: [3220 2484 4234 4220 3418  780 3634  637  294 4589]
selected outputs: [[209950.]
 [229950.]
 [237000.]
```

```
  [229000.]
  [440250.]
  [255000.]
  [272000.]
  [340500.]
  [550000.]
  [212000.]]
Predicted value: 297565.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01127089  0.00191145  0.
  0.          0.0116321   0.01216718  0.01300171  0.          0.01367364
  0.          0.0133854  -0.0134493   0.01305201  0.00238508]
distances: [0.0125822  0.0676102  0.01646906 … 0.00569544 0.00741075 0.0066852
]
sorted indices: [ 685 4081 2433 … 1107 5226 2486]
selected indices: [ 685 4081 2433  833  618  156 5343 2308 3325  164]
selected outputs: [[369990.]
  [278000.]
  [291500.]
  [295000.]
  [322500.]
  [338900.]
  [335000.]
  [450000.]
  [260000.]
  [296000.]]
Predicted value: 323689.0


query set: [ 0.01345102  0.01551285  0.0165685   0.0161609   0.01475579  0.
  0.          0.0116321   0.01564352  0.01864266  0.          0.01361223
  0.          0.01342647 -0.01339757  0.01742411  0.013773  ]
distances: [0.0266327  0.06993103 0.02746396 … 0.01854431 0.01730746 0.0239516
]
sorted indices: [3295 2564 3344 … 1107 5226 2486]
selected indices: [3295 2564 3344 1367  678 4336  820 2659 1563  610]
selected outputs: [[545000.]
  [652500.]
  [370000.]
  [680000.]
  [645000.]
  [630000.]
  [530000.]
  [575000.]
  [390000.]
  [575000.]]
Predicted value: 559250.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00840844  0.00488296  0.
```

```
       0.           0.0116321    0.01216718   0.00969969   0.            0.01330519
    0.06727653   0.01341052  -0.01346526   0.01266623   0.00660763]
distances: [0.06778931 0.01454947 0.06808651 … 0.06813749 0.0686625
0.06793609]
sorted indices: [1358 4566 2521 … 1107 5226 2486]
selected indices: [1358 4566 2521 4355 2256 2925 1047 4202 4797 4315]
selected outputs: [[185850.]
 [291750.]
 [487000.]
 [297950.]
 [289900.]
 [475000.]
 [235000.]
 [362000.]
 [536000.]
 [465000.]]
Predicted value: 362545.0


query set: [ 0.01345102   0.01551285   0.00903736   0.00739465   0.00261901  0.
   0.           0.01550947   0.01216718   0.00763592   0.00332597   0.01338025
   0.           0.01339737  -0.01346207   0.00977293   0.00330463]
distances: [0.00732039 0.06811    0.0130999  … 0.01438308 0.01641688
0.01021053]
sorted indices: [3046 4766 4760 … 1107 5226 2486]
selected indices: [3046 4766 4760  479 2351 1093 3105  635 1499  276]
selected outputs: [[465000.]
 [526500.]
 [379000.]
 [520000.]
 [525000.]
 [305000.]
 [626000.]
 [679000.]
 [230000.]
 [315000.]]
Predicted value: 457050.0


query set: [ 0.01345102   0.01163464   0.02108718   0.01353699   0.0013124   0.
   0.           0.0116321    0.01390535   0.01293292   0.0099779    0.01361906
   0.           0.01344375  -0.01347021   0.01131603   0.00220052]
distances: [0.02006297 0.06702582 0.02312816 … 0.01241149 0.01413733
0.01291318]
sorted indices: [1110 5297 2056 … 1107 5226 2486]
selected indices: [1110 5297 2056 5172 5334 5385  548 4066 5001 5094]
selected outputs: [[477590.]
 [420000.]
 [385000.]
 [575000.]
```

```
 [798500.]
 [556000.]
 [852000.]
 [730000.]
 [530000.]
 [622000.]]
Predicted value: 594609.0


query set: [ 0.01345102  0.01551285  0.02108718  0.02075274  0.00232173  0.
  0.          0.0116321   0.01564352  0.01774836  0.02302591  0.01314143
  0.06714291  0.01345797 -0.01345997  0.01530235  0.00228854]
distances: [0.07495499 0.0174831  0.07599563 … 0.0717664  0.07147694 0.0729175
]
sorted indices: [1017 3618 4915 … 1107 5226 2486]
selected indices: [1017 3618 4915 3827   37  830 1485 4132 2049 1956]
selected outputs: [[ 825050.]
 [ 740000.]
 [ 930000.]
 [ 925000.]
 [1450000.]
 [ 855000.]
 [ 860000.]
 [1307000.]
 [1325000.]
 [ 925000.]]
Predicted value: 1014205.0


query set: [ 0.01345102  0.00775643  0.01054359  0.01162869  0.00345628  0.
  0.05102365  0.01550947  0.01042901  0.00797988  0.02021164  0.01331884
  0.          0.01341965 -0.01346944  0.01144462  0.00475433]
distances: [0.05570734 0.08505759 0.05606162 … 0.05617137 0.05713397
0.05582758]
sorted indices: [3071  233 3663 … 1107 5226 2486]
selected indices: [3071  233 3663  553  201 1963 2458  507 4748 1495]
selected outputs: [[415000.]
 [595000.]
 [361000.]
 [280950.]
 [501000.]
 [472000.]
 [675000.]
 [345000.]
 [688000.]
 [695000.]]
Predicted value: 502795.0


query set: [ 0.01345102  0.01551285  0.00602491  0.01180759  0.00225207  0.
  0.          0.0116321   0.01216718  0.00866781  0.01842073  0.01346212
```

```
       0.         0.01349601 -0.01344776  0.01009441  0.0030933 ]
distances: [0.01950556 0.06792879 0.02283925 … 0.0226151  0.0235902
0.02143739]
sorted indices: [3202 2577 1785 … 1107 5226 2486]
selected indices: [3202 2577 1785 4142    6  302 4386 2170 2865 3308]
selected outputs: [[280000.]
 [456000.]
 [424500.]
 [180000.]
 [229500.]
 [269000.]
 [279000.]
 [293550.]
 [450000.]
 [455000.]]
Predicted value: 331655.0


query set: [ 0.01345102  0.01939106  0.01054359  0.0220647   0.00293427  0.
  0.         0.0116321   0.01390535  0.01272654  0.04733105  0.01335295
  0.         0.01343611 -0.01345634  0.01408074  0.0027258 ]
distances: [0.05101197 0.07702544 0.0527315  … 0.04902798 0.04853044 0.0502228
]
sorted indices: [5144 4303  171 … 1107 2486 5226]
selected indices: [5144 4303  171  238    7 1751  558 4898  953 1561]
selected outputs: [[859000.]
 [610000.]
 [595000.]
 [628000.]
 [662500.]
 [540000.]
 [765000.]
 [655000.]
 [680000.]
 [390000.]]
Predicted value: 638450.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00763319  0.00082827  0.
  0.         0.0116321   0.01390535  0.00880539  0.         0.01303226
  0.06727653  0.01348252 -0.01346317  0.00906568  0.00127772]
distances: [0.06732221 0.01644988 0.06823069 … 0.06871695 0.06933493
0.06793156]
sorted indices: [2982  492 2810 … 1107 5226 2486]
selected indices: [2982  492 2810 4928 4282 3969 4031 4777 2296 4797]
selected outputs: [[717000.]
 [400000.]
 [397500.]
 [320000.]
 [260000.]
```

```
  [267000.]
  [596000.]
  [295000.]
  [510000.]
  [536000.]]
Predicted value: 429850.0


query set: [ 0.01345102  0.01551285  0.01807473  0.0163398   0.00350732  0.
  0.          0.0116321   0.01390535  0.01148828  0.02737525  0.01350989
  0.          0.01342061 -0.0134417   0.01498087  0.00403191]
distances: [0.03251175 0.06919365 0.03391551 … 0.02836362 0.0283542  0.0295736
]
sorted indices: [1405 3628 2035 … 1107 5226 2486]
selected indices: [1405 3628 2035 4596 5049 1062 3916 2874  496 1066]
selected outputs: [[280500.]
 [469950.]
 [740000.]
 [492500.]
 [495000.]
 [615000.]
 [305000.]
 [522500.]
 [485000.]
 [261500.]]
Predicted value: 466695.0


query set: [ 0.01345102  0.01551285  0.02108718  0.02334683  0.00204308  0.
  0.          0.0116321   0.01564352  0.02693211  0.          0.01374187
  0.          0.01348583 -0.01342971  0.02462521  0.0026394 ]
distances: [0.03362514 0.07078238 0.03445365 … 0.01947905 0.01638882
0.02741268]
sorted indices: [4305 1256 4502 … 1107 5226 2486]
selected indices: [4305 1256 4502 1076 5141  862 5405 1921 2589 5522]
selected outputs: [[ 920000.]
 [1050000.]
 [ 825000.]
 [ 688000.]
 [1060000.]
 [ 762000.]
 [ 882990.]
 [1146800.]
 [ 790000.]
 [ 810000.]]
Predicted value: 893479.0


query set: [ 0.01345102  0.01939106  0.01807473  0.01729395  0.00216057  0.
  0.          0.01938684  0.01390535  0.01258896  0.02737525  0.01348942
  0.          0.01348413 -0.01345931  0.01523806  0.00254854]
```

```
distances: [0.03445565 0.06992663 0.03637969 … 0.03004496 0.02941771
0.03140034]
sorted indices: [3410 2447 2549 … 1107 5226 2486]
selected indices: [3410 2447 2549  660 3225 1402 1049  588 1934  787]
selected outputs: [[1272000.]
 [ 480000.]
 [ 620000.]
 [ 603500.]
 [ 835000.]
 [ 650000.]
 [1045000.]
 [ 605000.]
 [ 730000.]
 [1130000.]]
Predicted value: 797050.0


query set: [ 0.01345102  0.00775643  0.00602491  0.01001856  0.00208674  0.
  0.          0.01550947  0.01216718  0.0078423   0.01381555  0.01324378
  0.          0.01344782 -0.01347065  0.01035159  0.00263656]
distances: [0.01526849 0.06783718 0.01724693 … 0.01992055 0.02257394
0.01792173]
sorted indices: [4515 4320 4739 … 1107 5226 2486]
selected indices: [4515 4320 4739 3465 4492 2932 3114 3425  870 3667]
selected outputs: [[515000.]
 [415000.]
 [450000.]
 [440000.]
 [253000.]
 [458000.]
 [570000.]
 [215000.]
 [535000.]
 [445434.]]
Predicted value: 429643.4


query set: [ 0.01345102  0.01163464  0.01054359  0.00900478  0.00247198  0.
  0.          0.0116321   0.01216718  0.01038761  0.          0.01342801
  0.          0.01349825 -0.0134493   0.00925857  0.00300812]
distances: [0.00555123 0.06782586 0.01233976 … 0.01004013 0.01345457
0.00583735]
sorted indices: [3545 1548 2201 … 1107 5226 2486]
selected indices: [3545 1548 2201 1796 4367 1032  262 2759 4227 3654]
selected outputs: [[383000.]
 [247200.]
 [195000.]
 [419900.]
 [305000.]
 [441000.]
```

```
 [250000.]
 [432500.]
 [222500.]
 [265800.]]
Predicted value: 316190.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01186723  0.00178496  0.
  0.          0.01550947  0.01216718  0.00756713  0.02277007  0.01323014
  0.          0.01348006 -0.01345953  0.00938716  0.00150325]
distances: [0.02405817 0.06837973 0.02647378 … 0.02554428 0.027094
0.02400982]
sorted indices: [4354   260 3897 … 1107 5226 2486]
selected indices: [4354   260 3897 4261 1876   376 4352    90 3226 4388]
selected outputs: [[655000.]
 [645000.]
 [547500.]
 [605000.]
 [520500.]
 [652000.]
 [385000.]
 [725000.]
 [455000.]
 [423000.]]
Predicted value: 561300.0

query set: [ 0.01345102  0.01163464  0.01355605  0.00912405  0.00147035  0.
  0.          0.0116321   0.01216718  0.01052519  0.          0.0137214
  0.          0.01349992 -0.01342442  0.01356637  0.00166063]
distances: [0.00959421 0.06779514 0.01199748 … 0.00723034 0.01088171
0.00463939]
sorted indices: [5190 4630    71 … 1107 5226 2486]
selected indices: [5190 4630    71   534   317 5087 1154 3111 1911 3355]
selected outputs: [[270000.]
 [292000.]
 [516500.]
 [272500.]
 [359000.]
 [210000.]
 [302500.]
 [355000.]
 [440000.]
 [450000.]]
Predicted value: 346750.0

query set: [ 0.01345102  0.00775643  0.01204982  0.00703685  0.00081961  0.
  0.          0.0116321    0.01042901  0.00811747  0.          0.01368047
  0.          0.01339129 -0.01343015  0.00842272  0.00108991]
distances: [0.00754657 0.06838066 0.01196421 … 0.01323708 0.01757445
```

```
0.00698593]
sorted indices: [ 303  941 2566 … 1107 5226 2486]
selected indices: [ 303   941 2566 5345 2346  866 5131 5100 3155 5300]
selected outputs: [[219000.]
 [222000.]
 [315000.]
 [325000.]
 [405000.]
 [445000.]
 [325000.]
 [325000.]
 [239000.]
 [352499.]]
Predicted value: 317249.9

query set: [ 0.01345102  0.01163464  0.00602491  0.00727539  0.00308195  0.
  0.          0.01938684  0.01216718  0.00839264  0.          0.01335978
  0.          0.01336643 -0.01345898  0.00842272  0.003894  ]
distances: [0.00803034 0.06899017 0.01332747 … 0.01669068 0.01931612
0.01315663]
sorted indices: [3906 2321  449 … 1107 5226 2486]
selected indices: [3906 2321  449 3557  768 2582 1867  682 1579  604]
selected outputs: [[387000.]
 [220000.]
 [345000.]
 [235000.]
 [316000.]
 [373000.]
 [485000.]
 [161500.]
 [335000.]
 [234000.]]
Predicted value: 309150.0

query set: [ 0.01345102  0.01939106  0.01506227  0.01592236  0.00464058  0.
  0.          0.01938684  0.01564352  0.01836749  0.          0.01335978
  0.          0.01350622 -0.0134592   0.0116375   0.00586331]
distances: [0.02068709 0.06847274 0.02542866 … 0.01288989 0.01081929
0.01674134]
sorted indices: [3191  159 4863 … 1107 5226 2486]
selected indices: [3191  159 4863 3456 4167 2472 4308  978 1866 1466]
selected outputs: [[648000.]
 [650000.]
 [720000.]
 [382000.]
 [779000.]
 [479950.]
 [730000.]
```

```
 [635000.]
 [294000.]
 [310000.]]
Predicted value: 562795.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00745429  0.00027738  0.
  0.          0.0116321   0.01390535  0.00859901  0.          0.01367364
  0.          0.01348962 -0.01346295  0.00855131  0.00093213]
distances: [0.00945672 0.06818913 0.01490207 … 0.01126744 0.01467388
0.00287451]
sorted indices: [4300 1707  340 … 1107 5226 2486]
selected indices: [4300 1707  340 4587 2843 1753 5234 1115 5311 5258]
selected outputs: [[445700.]
 [305000.]
 [340000.]
 [343000.]
 [375000.]
 [375000.]
 [540000.]
 [369000.]
 [563500.]
 [416286.]]
Predicted value: 407248.6


query set: [ 0.01345102  0.01163464  0.01807473  0.00852771  0.00040097  0.
  0.          0.0116321   0.01390535  0.00983727  0.          0.01366682
  0.          0.01348942 -0.01346537  0.00655815  0.00045106]
distances: [0.01277214 0.06821319 0.01854636 … 0.01172863 0.01499842
0.00454809]
sorted indices: [5120 5157 4749 … 1107 5226 2486]
selected indices: [5120 5157 4749 2402 3361 5523 2092 5311 1248 1753]
selected outputs: [[399000.]
 [602000.]
 [530000.]
 [429000.]
 [322000.]
 [467000.]
 [443600.]
 [563500.]
 [419500.]
 [375000.]]
Predicted value: 455060.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00876624  0.00192622  0.
  0.          0.0116321   0.01042901  0.00619129  0.01458308  0.01326425
  0.          0.01347687 -0.01347043  0.01073737  0.00243375]
distances: [0.01555542 0.06809567 0.016698   … 0.02116907 0.02398322
0.01863184]
```

```
sorted indices: [3460 3459 2237 … 1107 5226 2486]
selected indices: [3460 3459 2237 1958 3667 4320 3369 1628  355 3707]
selected outputs: [[310000.]
 [180000.]
 [510000.]
 [299800.]
 [445434.]
 [415000.]
 [580000.]
 [470000.]
 [345000.]
 [557000.]]
Predicted value: 411223.4

query set: [ 0.01345102  0.01163464  0.00903736  0.01109198  0.00230825  0.
  0.01700788  0.01938684  0.01216718  0.01279533  0.          0.01331884
  0.          0.01351049 -0.01347109  0.01073737  0.00224108]
distances: [0.02003897 0.07015072 0.02285791 … 0.02044401 0.0218899
0.02012835]
sorted indices: [3977 4910 3397 … 1107 5226 2486]
selected indices: [3977 4910 3397 4719 1910 3774  825 3831  877 1218]
selected outputs: [[ 448500.]
 [ 324950.]
 [1100000.]
 [ 544000.]
 [ 320000.]
 [ 389000.]
 [ 600000.]
 [ 502000.]
 [ 569000.]
 [ 600000.]]
Predicted value: 539745.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01133052  0.00256315  0.
  0.          0.0116321   0.01390535  0.0130705   0.          0.01359859
  0.          0.01350249 -0.0134493   0.01703833  0.00379341]
distances: [0.01419484 0.06776059 0.01468671 … 0.00448337 0.00727092
0.00884174]
sorted indices: [3534 2967 4845 … 1107 5226 2486]
selected indices: [3534 2967 4845 1687 1607  706 4290 2359 3313   58]
selected outputs: [[467000.]
 [560000.]
 [552000.]
 [470000.]
 [490000.]
 [325900.]
 [407500.]
 [470000.]
```

```
[531000.]
[256883.]]
Predicted value: 453028.3


query set: [ 0.01345102  0.01163464  0.01506227  0.01222503  0.00103309  0.
 0.          0.0116321   0.01216718  0.01410238  0.          0.01370094
 0.          0.01350755 -0.01346581  0.0131806   0.0029205 ]
distances: [0.01289923 0.06743775 0.01610026 … 0.00315441 0.00745739
0.00651074]
sorted indices: [ 894 3830 3438 … 1107 5226 2486]
selected indices: [ 894 3830 3438  208 5063 1420 3345 5151  359  224]
selected outputs: [[277950.]
 [321000.]
 [528000.]
 [449950.]
 [282000.]
 [463000.]
 [279000.]
 [248000.]
 [303700.]
 [470000.]]
Predicted value: 362260.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01604163  0.01496318  0.
 0.          0.0116321   0.01216718  0.01850508  0.          0.01323696
 0.          0.01343229 -0.01346669  0.01234476  0.00296187]
distances: [0.02029085 0.06875637 0.02353383 … 0.01525214 0.01483494 0.0193703
]
sorted indices: [4574 2892 2701 … 1107 5226 2486]
selected indices: [4574 2892 2701 1190 3424  756 2026 2386  667 2189]
selected outputs: [[390000.]
 [490000.]
 [362500.]
 [760000.]
 [515000.]
 [392000.]
 [500000.]
 [452000.]
 [352500.]
 [530000.]]
Predicted value: 474400.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00733502  0.00391696  0.
 0.          0.0116321   0.01216718  0.00846143  0.          0.01343483
 0.          0.01338518 -0.01344269  0.00790836  0.00437264]
distances: [0.00307773 0.06858131 0.01136514 … 0.01509596 0.0179799  0.0110785
]
sorted indices: [2595 2010 1390 … 1107 5226 2486]
```

```
selected indices: [2595 2010 1390   79  769 2127 1195 4030 3091 1417]
selected outputs: [[325000.]
 [305000.]
 [322500.]
 [255000.]
 [170000.]
 [354000.]
 [190000.]
 [172500.]
 [299500.]
 [422000.]]
Predicted value: 281550.0

query set: [ 0.01345102  0.01551285  0.00602491  0.01085344  0.0017657   0.
  0.          0.0116321   0.01042901  0.01252016  0.          0.01328472
  0.          0.01343891 -0.0134679   0.0073297   0.00223094]
distances: [0.0073263  0.06813391 0.01606    … 0.01336142 0.01511583
0.01126177]
sorted indices: [4764 4699 2835 … 1107 5226 2486]
selected indices: [4764 4699 2835  411 3990 3213 3252  232  957 1385]
selected outputs: [[415000.]
 [235000.]
 [310000.]
 [475000.]
 [253750.]
 [375000.]
 [599950.]
 [175000.]
 [284700.]
 [366350.]]
Predicted value: 348975.0

query set: [ 0.01345102  0.02326928  0.01204982  0.01431223  0.00246684  0.
  0.          0.0116321   0.01042901  0.00825505  0.03070122  0.01318237
  0.06697589  0.01351018 -0.01345755  0.00829413  0.00397513]
distances: [0.07522874 0.0247541  0.07677306 … 0.07538424 0.0753208
0.07506879]
sorted indices: [2625 1696  434 … 1107 5226 2486]
selected indices: [2625 1696  434 3836 1251 3845 4322 4479 1594 4089]
selected outputs: [[312500.]
 [358000.]
 [349950.]
 [397950.]
 [620000.]
 [270000.]
 [414950.]
 [770000.]
 [885000.]
```

```
 [600000.]]
Predicted value: 497835.0


query set: [ 0.01345102  0.01551285  0.01204982  0.00978003  0.00231146  0.
  0.          0.0116321   0.01216718  0.01128191  0.          0.01339389
  0.          0.01350356 -0.01346361  0.00964434  0.00365063]
distances: [0.00848756 0.06775868 0.01499145 … 0.00930957 0.01140538
0.00642684]
sorted indices: [2272 2561 1769 … 1107 5226 2486]
selected indices: [2272 2561 1769  398 3631 1784 2907 4013 1487 4732]
selected outputs: [[290000.]
 [249900.]
 [215000.]
 [250000.]
 [575000.]
 [466750.]
 [275000.]
 [310000.]
 [254000.]
 [206000.]]
Predicted value: 309165.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00721575  0.00157147  0.
  0.          0.0116321   0.01042901  0.00488424  0.01279217  0.01331201
  0.          0.01343939 -0.013469    0.00707252  0.00243375]
distances: [0.01395164 0.06845965 0.01681042 … 0.02200764 0.02514767
0.01790203]
sorted indices: [3984 1958 3460 … 1107 5226 2486]
selected indices: [3984 1958 3460 3459  355 3667 4050 4197 3707 2237]
selected outputs: [[326000.]
 [299800.]
 [310000.]
 [180000.]
 [345000.]
 [445434.]
 [268950.]
 [369000.]
 [557000.]
 [510000.]]
Predicted value: 361118.4


query set: [ 0.01345102  0.00775643  0.00602491  0.00661941  0.00173777  0.
  0.          0.0116321   0.01042901  0.0061225   0.00562856  0.01321649
  0.          0.01348812 -0.01346317  0.00835843  0.00219565]
distances: [0.00734816 0.06841147 0.01109746 … 0.0178207  0.02142548
0.01315153]
sorted indices: [1627 1945  908 … 1107 5226 2486]
selected indices: [1627 1945  908 5179 3375 3495 1147 1042 1885 1972]
```

```
selected outputs: [[473000.]
 [345000.]
 [436500.]
 [302860.]
 [305000.]
 [289000.]
 [325000.]
 [579100.]
 [441000.]
 [440000.]]
Predicted value: 393646.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01168833  0.00205142  0.
  0.03401577  0.01938684  0.01390535  0.01348325  0.          0.01296403
  0.          0.01346287 -0.01345931  0.01568813  0.00238102]
distances: [0.03784245 0.07613582 0.03844871 … 0.03506012 0.03555869
0.03571511]
sorted indices: [2606 2527 3423 … 1107 5226 2486]
selected indices: [2606 2527 3423 1954 1830 4121  602 5510 4844 2398]
selected outputs: [[510000.]
 [735000.]
 [850000.]
 [645000.]
 [308950.]
 [660000.]
 [625000.]
 [388000.]
 [485000.]
 [465000.]]
Predicted value: 567195.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01139015  0.00152653  0.
  0.          0.0116321   0.01390535  0.01313929  0.          0.01362588
  0.          0.01343244 -0.01344578  0.01581672  0.00247391]
distances: [0.01345062 0.06765866 0.01493243 … 0.00351031 0.0070166
0.00724938]
sorted indices: [2967 3534 5189 … 1107 5226 2486]
selected indices: [2967 3534 5189 5219  115 1687   58 2440 2685 4290]
selected outputs: [[560000.]
 [467000.]
 [324747.]
 [339989.]
 [355000.]
 [470000.]
 [256883.]
 [405000.]
 [545000.]
 [407500.]]
```

```
Predicted value: 413111.9

query set: [ 0.01345102  0.01551285  0.01054359  0.01144979  0.00156088  0.
  0.          0.01938684  0.01216718  0.00729196  0.02200254  0.01309367
  0.          0.01345481 -0.01347021  0.01183039  0.00197215]
distances: [0.02470676 0.06871874 0.02674493 … 0.02577823 0.02665193
0.02462166]
sorted indices: [3550 2728 4871 … 1107 5226 2486]
selected indices: [3550 2728 4871   59 5006  931 3865 2236 4683 1886]
selected outputs: [[349950.]
 [705000.]
 [522500.]
 [423000.]
 [724950.]
 [457000.]
 [667500.]
 [380000.]
 [494000.]
 [365000.]]
Predicted value: 508890.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01156906  0.00280233  0.
  0.          0.0116321   0.01390535  0.01004365  0.01228049  0.01337342
  0.          0.01349101 -0.01345898  0.01446651  0.00371755]
distances: [0.01535409 0.06701626 0.01670626 … 0.01446542 0.01612321
0.01464837]
sorted indices: [2648  248 3615 … 1107 5226 2486]
selected indices: [2648  248 3615 4725 3266  565 1515 4924 4329 4159]
selected outputs: [[399000.]
 [390000.]
 [429950.]
 [432100.]
 [442573.]
 [399000.]
 [509007.]
 [403000.]
 [583000.]
 [415000.]]
Predicted value: 440263.0

query set: [ 0.01345102  0.02326928  0.01807473  0.0241519   0.01161221  0.
  0.          0.01550947  0.01390535  0.01802353  0.03658562  0.01344165
  0.          0.01342542 -0.0134296   0.02353219  0.01739077]
distances: [0.05074134 0.07635483 0.05101582 … 0.04494543 0.0433641
0.04874154]
sorted indices: [ 485 3262 3526 … 1107 2486 5226]
selected indices: [ 485 3262 3526 2919 3415 4827 4429 4262 4377 4075]
selected outputs: [[ 668000.]
```

```
  [ 595000.]
  [ 624500.]
  [ 935000.]
  [1127500.]
  [ 592500.]
  [1802750.]
  [ 770000.]
  [ 696000.]
  [ 600000.]]
Predicted value: 841125.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00972039  0.00288933  0.
  0.          0.01550947  0.01216718  0.01121311  0.          0.01334613
  0.          0.01342013 -0.01346757  0.0102873   0.00451055]
distances: [0.00781738 0.06782374 0.01297481 … 0.00985404 0.01298332
0.00782436]
sorted indices: [2973 2652 2187 … 1107 5226 2486]
selected indices: [2973 2652 2187  774  564 1884 1926 1416 4869  637]
selected outputs: [[216000.]
 [330000.]
 [314950.]
 [219950.]
 [490000.]
 [242000.]
 [345000.]
 [357500.]
 [725000.]
 [340500.]]
Predicted value: 358090.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00811027  0.02363341  0.
  0.          0.0116321   0.01216718  0.00935573  0.          0.01344848
  0.          0.01350518 -0.01344104  0.0131163   0.02067268]
distances: [0.02892938 0.0737285  0.02803651 … 0.03114345 0.03214259
0.03227764]
sorted indices: [3219 5465 2997 … 1107 5226 2486]
selected indices: [3219 5465 2997 1292 3527  370 3454 4205 1810 2520]
selected outputs: [[590000.]
 [320000.]
 [210000.]
 [350000.]
 [500000.]
 [350000.]
 [390000.]
 [213000.]
 [390000.]
 [280000.]]
Predicted value: 359300.0
```

```
query set: [ 0.01345102  0.01551285  0.00602491  0.00870661  0.00147677  0.
  0.03401577  0.0116321   0.01042901  0.00536578  0.01739736  0.0132779
  0.          0.01345235 -0.01346977  0.01003011  0.00186588]
distances: [0.03860651 0.07645067 0.03996815 … 0.04145154 0.04231662
0.03997961]
sorted indices: [2337 3921 1491 … 1107 5226 2486]
selected indices: [2337 3921 1491 2660  642 2249 4051 1619 4156 4573]
selected outputs: [[304000.]
 [453500.]
 [605000.]
 [650000.]
 [560000.]
 [261490.]
 [294950.]
 [690500.]
 [525000.]
 [590000.]]
Predicted value: 493444.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00483038  0.00256187  0.
  0.          0.00387737  0.01042901  0.00557216  0.          0.01315508
  0.          0.01343057 -0.01346504  0.00925857  0.00323689]
distances: [0.00956269 0.06973783 0.01133255 … 0.01938572 0.02282801 0.0149757
]
sorted indices: [2155 1150 4109 … 1107 5226 2486]
selected indices: [2155 1150 4109 1347 3257 4222 4991 2456 4040 3647]
selected outputs: [[140000.]
 [100000.]
 [ 81000.]
 [ 99000.]
 [370000.]
 [338500.]
 [246500.]
 [275000.]
 [235000.]
 [165000.]]
Predicted value: 205000.0

query set: [ 0.01345102  0.01939106  0.01958096  0.02087201  0.0023288   0.
  0.          0.0116321   0.01390535  0.01898662  0.01893242  0.01368047
  0.          0.01344624 -0.01341485  0.01813136  0.00256233]
distances: [0.03171659 0.06854881 0.03382366 … 0.02273869 0.0209211
0.02692755]
sorted indices: [5328 2760 5163 … 1107 5226 2486]
selected indices: [5328 2760 5163 5255 3482 5152 1738 4883 4881 5431]
selected outputs: [[616950.]
 [795000.]
```

```
 [592000.]
 [540000.]
 [775000.]
 [970000.]
 [620000.]
 [695000.]
 [789888.]
 [495000.]]
Predicted value: 688883.8


query set: [ 0.01345102  0.01163464  0.00602491  0.00942222  0.00192622  0.
  0.          0.01938684  0.01216718  0.01086915  0.          0.01328472
  0.          0.01344177 -0.01343147  0.0101587   0.00243375]
distances: [0.00870719 0.0685373  0.01373555 … 0.01428829 0.0167006  0.0122917
]
sorted indices: [1579 2582 3074 … 1107 5226 2486]
selected indices: [1579 2582 3074 2743  449 4821 3250    9 1130 1024]
selected outputs: [[335000.]
 [373000.]
 [385000.]
 [265000.]
 [345000.]
 [380000.]
 [235000.]
 [667000.]
 [400000.]
 [565000.]]
Predicted value: 395000.0


query set: [ 0.01345102  0.01163464  0.0165685   0.00983966  0.00182991  0.
  0.          0.01550947  0.01216718  0.0113507   0.          0.01356447
  0.          0.01342132 -0.01346625  0.00848702  0.00309086]
distances: [0.01205061 0.06783106 0.01707513 … 0.00949197 0.01292887
0.00562687]
sorted indices: [2382 3819 3558 … 1107 5226 2486]
selected indices: [2382 3819 3558 4506  707 2327 4111 4507 3176 4362]
selected outputs: [[270000.]
 [270000.]
 [379000.]
 [295000.]
 [275000.]
 [314000.]
 [439950.]
 [275250.]
 [260000.]
 [250000.]]
Predicted value: 302820.0
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.00978003  0.00582488  0.
  0.          0.0116321   0.01042901  0.01128191  0.          0.01325061
  0.          0.01343444 -0.01346427  0.00964434  0.00367699]
distances: [0.0062955  0.06816119 0.01209611 … 0.0130213  0.01574827
0.01158602]
sorted indices: [5016  957  861 … 1107 5226 2486]
selected indices: [5016  957  861 1069 4099 1933 4609 1329 1334 1529]
selected outputs: [[235000.]
 [284700.]
 [199000.]
 [394900.]
 [229900.]
 [260000.]
 [375000.]
 [299000.]
 [375000.]
 [340000.]]
Predicted value: 299250.0


query set: [ 0.01345102  0.00775643  0.01355605  0.01520675  0.00192622  0.
  0.          0.01938684  0.01216718  0.01279533  0.0176532   0.01297768
  0.          0.01348286 -0.0134635   0.01292342  0.0016225 ]
distances: [0.02348    0.06756341 0.0250132  … 0.02016516 0.02188482
0.02116073]
sorted indices: [3682 2665 1490 … 1107 5226 2486]
selected indices: [3682 2665 1490 4114  652  703 1478 2054 3005 3942]
selected outputs: [[ 635000.]
 [1145000.]
 [ 652450.]
 [ 614306.]
 [ 419950.]
 [ 645000.]
 [ 652000.]
 [ 850000.]
 [ 750000.]
 [ 210000.]]
Predicted value: 657370.6


query set: [ 0.01345102  0.00775643  0.01506227  0.00739465  0.00117146  0.
  0.          0.0116321   0.01216718  0.00853022  0.          0.01355083
  0.          0.01338393 -0.01346339  0.00900138  0.00150933]
distances: [0.00991132 0.06823945 0.0135069  … 0.01176165 0.01616774
0.00521781]
sorted indices: [2666 2986 2566 … 1107 5226 2486]
selected indices: [2666 2986 2566 4697  779 5270 2706 5185 5042 5345]
selected outputs: [[330000.]
 [190000.]
 [315000.]
```

```
 [350500.]
 [325000.]
 [163800.]
 [489000.]
 [525000.]
 [562000.]
 [325000.]]
Predicted value: 357530.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00739465   0.00130983  0.
  0.            0.0116321    0.01216718   0.00853022  0.           0.01313461
  0.            0.01348091  -0.0134646    0.01324489  0.00165495]
distances: [0.00473626 0.06853783 0.0077848  … 0.0132441  0.01596022
0.01027573]
sorted indices: [4055 2726 2817 … 1107 5226 2486]
selected indices: [4055 2726 2817  299 2191  750 2903 4682 1498 4203]
selected outputs: [[345000.]
 [704000.]
 [427000.]
 [505000.]
 [380000.]
 [464000.]
 [400000.]
 [215000.]
 [350000.]
 [227000.]]
Predicted value: 401700.0


query set: [ 0.01345102   0.01163464   0.01355605   0.01109198   0.004995     0.
  0.            0.01550947   0.01216718   0.01279533  0.           0.01339389
  0.            0.01333636  -0.01338898   0.00713681  0.00469957]
distances: [0.01132255 0.06774378 0.01734207 … 0.01029389 0.0133161
0.00865637]
sorted indices: [3975 4220  294 … 1107 5226 2486]
selected indices: [3975 4220  294 2134 3819  564 2382 4475 2060 2018]
selected outputs: [[345000.]
 [229000.]
 [550000.]
 [575000.]
 [270000.]
 [490000.]
 [270000.]
 [316000.]
 [270000.]
 [251000.]]
Predicted value: 356600.0


query set: [ 0.01345102   0.01163464   0.00903736   0.01133052   0.00160518  0.
```

```
    0.           0.0116321    0.01216718   0.01128191   0.00665193   0.01314143
    0.           0.01348399  -0.01346031   0.01343778   0.00202813]
distances: [0.01025574 0.06703847 0.01315839 … 0.01043823 0.01289486
0.01028799]
sorted indices: [2243 2556 2855 … 1107 5226 2486]
selected indices: [2243 2556 2855   24 3306 1746 2581 1472  677   80]
selected outputs: [[750000.]
 [291600.]
 [420000.]
 [940000.]
 [435000.]
 [250000.]
 [245000.]
 [445000.]
 [536000.]
 [780000.]]
Predicted value: 509260.0


query set: [ 0.01345102   0.01163464   0.00903736   0.01133052   0.00160518   0.
  0.           0.0116321    0.01216718   0.01128191   0.00665193   0.01314143
  0.           0.01348399  -0.01346031   0.01343778   0.00202813]
distances: [0.01025574 0.06703847 0.01315839 … 0.01043823 0.01289486
0.01028799]
sorted indices: [2243 2556 2855 … 1107 5226 2486]
selected indices: [2243 2556 2855   24 3306 1746 2581 1472  677   80]
selected outputs: [[750000.]
 [291600.]
 [420000.]
 [940000.]
 [435000.]
 [250000.]
 [245000.]
 [445000.]
 [536000.]
 [780000.]]
Predicted value: 509260.0


query set: [ 0.01345102   0.01163464   0.01355605   0.01246357   0.00344568   0.
  0.           0.0116321    0.01216718   0.00990606   0.01662983   0.01335978
  0.           0.01348942  -0.01345887   0.01118743   0.00328556]
distances: [0.0193955  0.06707506 0.02177902 … 0.01819373 0.01990012 0.0176627
]
sorted indices: [ 827 3104 2392 … 1107 5226 2486]
selected indices: [ 827 3104 2392 3704 1749 2436 4477  611 3907  264]
selected outputs: [[456500.]
 [437000.]
 [440000.]
 [350000.]
```

```
 [355000.]
 [423500.]
 [415000.]
 [469000.]
 [466000.]
 [253000.]]
Predicted value: 406500.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01103235  0.0013002   0.
  0.          0.01550947  0.01216718  0.01272654  0.          0.013544
  0.          0.0134526  -0.01342982  0.01060877  0.00181233]
distances: [0.01065217 0.06759598 0.01548303 … 0.00716528 0.01066602
0.00563516]
sorted indices: [4475   220 4947 … 1107 5226 2486]
selected indices: [4475   220 4947 3379   707 2025 1009 1661 4362 1098]
selected outputs: [[316000.]
 [408200.]
 [289000.]
 [280000.]
 [275000.]
 [432100.]
 [282500.]
 [254000.]
 [250000.]
 [450000.]]
Predicted value: 323680.0


query set: [ 0.01345102   0.01939106   0.01807473   0.02188579   0.00339753  0.
  0.          0.01938684   0.01390535   0.01417117   0.0411908    0.01331884
  0.          0.0135069  -0.01345843   0.0174884    0.00562399]
distances: [0.04811114 0.07496939 0.04932434 … 0.04381613 0.04307085
0.04577368]
sorted indices: [4549   171 1532 … 1107 2486 5226]
selected indices: [4549   171 1532   953   558 1768 4075 2312 4302    17]
selected outputs: [[610000.]
 [595000.]
 [600000.]
 [680000.]
 [765000.]
 [707000.]
 [600000.]
 [350000.]
 [725000.]
 [345000.]]
Predicted value: 597700.0


query set: [ 0.01345102  0.00775643  0.00903736  0.00772264  0.00035089  0.
  0.          0.0116321   0.01564352  0.00760153  0.00486103  0.01369411
```

```
     0.          0.01346739 -0.01346086   0.00832628   0.00057315]
distances: [0.00811609 0.06803023 0.01321587 … 0.01484688 0.0183371
0.00952827]
sorted indices: [5105 5205 5519 … 1107 5226 2486]
selected indices: [5105 5205 5519 4281 5464 4228 5375 2230 5055 3531]
selected outputs: [[342500.]
 [390000.]
 [414500.]
 [540000.]
 [403000.]
 [313500.]
 [375000.]
 [422250.]
 [379900.]
 [345000.]]
Predicted value: 392565.0


query set: [ 0.01345102   0.01551285   0.01506227   0.01413333   0.00310731   0.
  0.          0.0116321    0.01390535   0.01630373   0.          0.01353718
  0.          0.01345153 -0.0134373    0.01472369   0.00322229]
distances: [0.01603115 0.06758167 0.01933623 … 0.00429862 0.00301661 0.0105725
]
sorted indices: [4331  568 3882 … 1107 5226 2486]
selected indices: [4331  568 3882 2569 3697 1973 4774 3590 5433 4551]
selected outputs: [[562500.]
 [340000.]
 [340000.]
 [397000.]
 [322000.]
 [325000.]
 [388000.]
 [412950.]
 [400000.]
 [335000.]]
Predicted value: 382245.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00602307   0.00176249   0.
  0.          0.0116321    0.01042901   0.006948     0.          0.01333248
  0.          0.01342695 -0.0134602    0.01118743   0.00432315]
distances: [0.00401997 0.06884737 0.00792138 … 0.01552641 0.0184872   0.0115702
]
sorted indices: [3041 2211  806 … 1107 5226 2486]
selected indices: [3041 2211  806 3260 2122 3382 1205 4085 3362 1988]
selected outputs: [[154500.]
 [361000.]
 [210000.]
 [240000.]
 [350000.]
```

```
 [315000.]
 [310000.]
 [329950.]
 [241000.]
 [175000.]]
Predicted value: 268645.0


query set: [ 0.01345102  0.01551285  0.02711209  0.02319775  0.00189604  0.
  0.05102365  0.0116321   0.01911985  0.02105038  0.02123501  0.01367364
  0.         0.01344573 -0.0134274   0.02681126  0.00245484]
distances: [0.06574231 0.08803049 0.06571603 … 0.05927815 0.05834999
0.06200392]
sorted indices: [5135 4149 1644 … 1107 5226 2486]
selected indices: [5135 4149 1644  328 1654 1426 1759 1621 1748 3489]
selected outputs: [[1238000.]
 [1387000.]
 [ 817500.]
 [1875000.]
 [1925000.]
 [2400000.]
 [1488000.]
 [1436000.]
 [ 625000.]
 [1712500.]]
Predicted value: 1490400.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01961969  0.01123659  0.
  0.         0.0116321   0.01738169  0.0226326   0.         0.01358494
  0.         0.01349678 -0.01343213  0.0262969   0.01637549]
distances: [0.03305683 0.07172347 0.03210066 … 0.02317774 0.0208506
0.03035669]
sorted indices: [3058 1260 2763 … 1107 5226 2486]
selected indices: [3058 1260 2763 1192 3184  414 2317  285 3839 3435]
selected outputs: [[ 940000.]
 [ 895000.]
 [ 950000.]
 [ 925000.]
 [ 845000.]
 [ 650000.]
 [ 685000.]
 [1050000.]
 [ 690000.]
 [ 896000.]]
Predicted value: 852600.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01210577  0.00797101  0.
  0.         0.01550947  0.01216718  0.00839264  0.02072332  0.01350306
  0.         0.01336914 -0.01345997  0.01273053  0.00616712]
```

```
distances: [0.02400942 0.0681805  0.02487374 … 0.02382115 0.02513247
0.02381578]
sorted indices: [1319 4022 1030 … 1107 5226 2486]
selected indices: [1319 4022 1030 4773 1379 1113 2698  235 1931 4560]
selected outputs: [[389000.]
 [465000.]
 [359950.]
 [335000.]
 [258000.]
 [507000.]
 [730000.]
 [324500.]
 [288250.]
 [440000.]]
Predicted value: 409670.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00703685  0.00300169  0.
  0.         0.0116321   0.01042901  0.00811747  0.          0.01308685
  0.         0.01343054 -0.01345645  0.01144462  0.00377475]
distances: [0.00545334 0.0686968  0.0071256  … 0.01487085 0.01854287
0.01178518]
sorted indices: [3388  541 2234 … 1107 5226 2486]
selected indices: [3388  541 2234 2147 1220 3061  798 1660 4565 2882]
selected outputs: [[455000.]
 [192500.]
 [235000.]
 [285000.]
 [255000.]
 [325000.]
 [450000.]
 [327000.]
 [401000.]
 [205000.]]
Predicted value: 313050.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00775246  0.00265369  0.
  0.         0.01550947  0.01216718  0.00894297  0.          0.01332566
  0.         0.01347149 -0.01344985  0.00835843  0.00353178]
distances: [0.00430558 0.06855354 0.01183777 … 0.01479717 0.01762409
0.01096443]
sorted indices: [4537 3298 3008 … 1107 5226 2486]
selected indices: [4537 3298 3008 1703 3339 3532 2886 4141 2618 1474]
selected outputs: [[206000.]
 [295000.]
 [215000.]
 [275000.]
 [370000.]
 [374000.]
```

```
 [345000.]
 [299000.]
 [405000.]
 [350000.]]
Predicted value: 313400.0

query set: [ 0.01345102  0.01551285  0.02259341  0.01830773  0.00187806  0.
  0.          0.01938684  0.01564352  0.01651011  0.01714151  0.01314826
  0.          0.01347129 -0.01345909  0.01890291  0.00226055]
distances: [0.03096689 0.06867979 0.03216354 … 0.02170599 0.02073178
0.02522735]
sorted indices: [4930  181  994 … 1107 5226 2486]
selected indices: [4930  181  994 3227 5469 5431 5456 5255 2760 3482]
selected outputs: [[1550000.]
 [1250000.]
 [1495000.]
 [1149000.]
 [ 775000.]
 [ 495000.]
 [ 825750.]
 [ 540000.]
 [ 795000.]
 [ 775000.]]
Predicted value: 964975.0

query set: [ 0.01345102  0.01939106  0.00903736  0.010436    0.00401006  0.
  0.          0.0116321   0.01042901  0.0095621   0.00921037  0.01338025
  0.          0.0134901  -0.0134471   0.01003011  0.00505936]
distances: [0.0136095  0.06758761 0.01846942 … 0.0165236  0.01715409
0.01514099]
sorted indices: [4896 1944 1134 … 1107 5226 2486]
selected indices: [4896 1944 1134 3952 4973 2042  426 4243 2649  522]
selected outputs: [[179000.]
 [345000.]
 [239900.]
 [525000.]
 [289950.]
 [476500.]
 [272750.]
 [221000.]
 [185000.]
 [560000.]]
Predicted value: 329410.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00894515  0.00302288  0.
  0.          0.01550947  0.01390535  0.01031882  0.          0.01331884
  0.          0.01349406 -0.01346449  0.00925857  0.0029205 ]
distances: [0.00536814 0.06832209 0.0124191  … 0.01328015 0.01583728
```

0.01047243]
sorted indices: [4179 3339 3512 … 1107 5226 2486]
selected indices: [4179 3339 3512 983 4141 3298 3341 2775 1010 2853]
selected outputs: [[380500.]
 [370000.]
 [479000.]
 [410000.]
 [299000.]
 [295000.]
 [240000.]
 [201000.]
 [525000.]
 [489900.]]
Predicted value: 368940.0

query set: [0.01345102 0.01939106 0.02108718 0.02439043 0.09341515 0.
  0.   0.0116321   0.01911985 0.0200873   0.02993369 0.01366
  0.   0.0134948 -0.01345205 0.01208757 0.00375406]
distances: [0.10040378 0.11569315 0.10055376 … 0.09779217 0.09717106
0.10008896]
sorted indices: [1852 952 4960 … 1107 5226 2486]
selected indices: [1852 952 4960 4778 968 3636 4657 5022 4186 4875]
selected outputs: [[950000.]
 [472500.]
 [688000.]
 [750000.]
 [630000.]
 [1800000.]
 [362950.]
 [413100.]
 [500000.]
 [495000.]]
Predicted value: 706155.0

query set: [0.01345102 0.01163464 0.00903736 0.00650014 0.00335611 0.
  0.   0.0116321   0.01042901 0.00749834 0.   0.01339389
  0.   0.01338914 -0.01343697 0.00790836 0.004947]
distances: [0.00476467 0.06854089 0.01128131 … 0.01476331 0.01803425
0.00979852]
sorted indices: [2954 1027 3025 … 1107 5226 2486]
selected indices: [2954 1027 3025 895 2005 4985 762 2132 578 170]
selected outputs: [[252000.]
 [220000.]
 [205000.]
 [200000.]
 [329000.]
 [185000.]
 [219950.]

```
 [403000.]
 [280005.]
 [415000.]]
Predicted value: 270895.5


query set: [ 0.01345102  0.01939106  0.02259341  0.02516568  0.00512342  0.
  0.          0.0116321   0.01911985  0.02903027  0.          0.01367364
  0.          0.01345826 -0.01342431  0.02976886  0.00670539]
distances: [0.04033638 0.07343187 0.04047802 … 0.02683052 0.02314689
0.03465409]
sorted indices: [2159 2800 4517 … 1107 5226 2486]
selected indices: [2159 2800 4517 5230 4269  843 2617 4190 5399 4294]
selected outputs: [[ 945000.]
 [1050000.]
 [ 635000.]
 [1267500.]
 [1017100.]
 [2075000.]
 [1300000.]
 [1400000.]
 [ 950000.]
 [ 972000.]]
Predicted value: 1161160.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01550492  0.0037054   0.
  0.          0.01550947  0.01564352  0.01513426  0.01023374  0.01323014
  0.          0.01349239 -0.01346944  0.01825995  0.00444565]
distances: [0.02123092 0.06727738 0.02251404 … 0.01279739 0.01168268
0.01722852]
sorted indices: [2244 4306 3491 … 1107 5226 2486]
selected indices: [2244 4306 3491 2585 3501 4288 4514 4201 2938 4421]
selected outputs: [[ 800000.]
 [ 615000.]
 [ 625000.]
 [ 750000.]
 [1810000.]
 [ 813500.]
 [1325000.]
 [ 592100.]
 [1065000.]
 [ 842500.]]
Predicted value: 923810.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00638087  0.00721979  0.
  0.          0.0116321   0.01216718  0.00736076  0.          0.01342119
  0.          0.01338498 -0.01345678  0.01208757  0.00821391]
distances: [0.0087956  0.06909205 0.00976084 … 0.01657435 0.01900926
0.01456685]
```

```
sorted indices: [4152 2197  789 … 1107 5226 2486]
selected indices: [4152 2197  789 3562 4705 2745 4060  861  935 4062]
selected outputs: [[318000.]
 [139000.]
 [196000.]
 [279900.]
 [217000.]
 [289571.]
 [129000.]
 [199000.]
 [240000.]
 [225000.]]
Predicted value: 223247.1


query set: [ 0.01345102  0.01551285  0.00602491  0.0083488   0.00216346  0.
  0.          0.0116321   0.01216718  0.00687921  0.01023374  0.01333248
  0.          0.01344505 -0.01346075  0.00964434  0.00258789]
distances: [0.01114867 0.06789954 0.01573676 … 0.01823603 0.01989184 0.0150228
]
sorted indices: [1944 4965 3828 … 1107 5226 2486]
selected indices: [1944 4965 3828 2270 2156 4049 4577 1221 1912  745]
selected outputs: [[345000.]
 [205000.]
 [320000.]
 [399950.]
 [306000.]
 [325000.]
 [290000.]
 [285000.]
 [578000.]
 [265000.]]
Predicted value: 331895.0


query set: [ 0.01345102  0.01163464  0.01807473  0.01693614  0.06642563  0.
  0.          0.0116321   0.01738169  0.01953696  0.          0.01363953
  0.          0.01342491 -0.01343488  0.01330919  0.0101678 ]
distances: [0.06826143 0.09361877 0.06800852 … 0.06550322 0.06529088
0.06805171]
sorted indices: [ 952 4875  104 … 1107 5226 2486]
selected indices: [ 952 4875  104 3724 4186 4879 1299 2182 4778  670]
selected outputs: [[472500.]
 [495000.]
 [270000.]
 [760000.]
 [500000.]
 [425000.]
 [730000.]
 [540500.]
```

```
 [750000.]
 [299000.]]
Predicted value: 524200.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01079381  0.11215436  0.
  0.         0.0116321   0.01216718  0.01245137  0.         0.01366
  0.         0.0133882  -0.01341661  0.01594531  0.13764158]
distances: [0.17490112 0.18645489 0.17333171 … 0.17479264 0.17473562
0.17708053]
sorted indices: [2956 4531 4694 … 3922 5226 2486]
selected indices: [2956 4531 4694  282 2232 2322 3163 4934 1083 1259]
selected outputs: [[350000.]
 [345000.]
 [390000.]
 [590000.]
 [550000.]
 [765000.]
 [649000.]
 [365000.]
 [290000.]
 [559000.]]
Predicted value: 485300.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01276174  0.00512053  0.
  0.03401577  0.01550947  0.01390535  0.00942452  0.01969995  0.01342801
  0.         0.01342794 -0.01346735  0.01671686  0.00578949]
distances: [0.0427591  0.07639818 0.04340225 … 0.04107352 0.04083743
0.04161311]
sorted indices: [2206 4976 3798 … 1107 5226 2486]
selected indices: [2206 4976 3798 1067 2086 2663 2765 1577 2184 1619]
selected outputs: [[571000.]
 [480000.]
 [839000.]
 [530000.]
 [610000.]
 [415000.]
 [740000.]
 [510000.]
 [564000.]
 [690500.]]
Predicted value: 594950.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00978003  0.00123406  0.
  0.         0.01550947  0.01216718  0.01004365  0.00460518  0.01315508
  0.         0.01349072 -0.01346691  0.00790836  0.00155922]
distances: [0.00799546 0.06788787 0.01573165 … 0.01506656 0.01676674
0.01192985]
sorted indices: [2226  887 1127 … 1107 5226 2486]
```

```
selected indices: [2226  887 1127 3046   57 1847  880 2351 1385  276]
selected outputs: [[426250.]
 [355000.]
 [618000.]
 [465000.]
 [615000.]
 [435000.]
 [535000.]
 [525000.]
 [366350.]
 [315000.]]
Predicted value: 465560.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00757356  0.00123278  0.
  0.          0.0116321   0.01216718  0.0087366   0.          0.01314143
  0.          0.0134873  -0.01346724  0.00816554  0.00169348]
distances: [0.0012694   0.06851068 0.01149341 … 0.01448778 0.01744471
0.00976419]
sorted indices: [2808 3777 4289 … 1107 5226 2486]
selected indices: [2808 3777 4289    0 1288 1844 4812 5034 2860 2168]
selected outputs: [[522000.]
 [201500.]
 [425000.]
 [221900.]
 [740000.]
 [285000.]
 [296500.]
 [155000.]
 [470000.]
 [420000.]]
Predicted value: 373690.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00930295  0.00056181  0.
  0.          0.01550947  0.01042901  0.00536578  0.01995579  0.01299133
  0.          0.01347178 -0.01346702  0.01189469  0.00146025]
distances: [0.0218538   0.06851787 0.02230484 … 0.02436756 0.0268153   0.0222029
]
sorted indices: [3862 1629  417 … 1107 5226 2486]
selected indices: [3862 1629  417 4388 4326  976  376  582 4620  850]
selected outputs: [[467500.]
 [565000.]
 [512000.]
 [423000.]
 [409000.]
 [432000.]
 [652000.]
 [287500.]
 [505400.]
```

```
[579000.]]
Predicted value: 483240.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01568382  0.00208674  0.
  0.          0.0116321   0.01216718  0.00914935  0.03325965  0.01335978
  0.          0.01343023 -0.01345227  0.01620249  0.00263656]
distances: [0.03549947 0.07088644 0.03585958 … 0.03433571 0.03494854 0.0349611
]
sorted indices: [ 782 5106 4783 … 1107 5226 2486]
selected indices: [ 782 5106 4783  728  527 1431 1238 3782 2508 2883]
selected outputs: [[650000.]
 [345000.]
 [465000.]
 [599950.]
 [875000.]
 [420000.]
 [325000.]
 [459900.]
 [475000.]
 [650000.]]
Predicted value: 526485.0


query set: [ 0.01345102  0.00775643  0.00602491  0.0062616   0.00240777  0.
  0.05102365  0.01550947  0.01042901  0.00722317  0.          0.01303226
  0.          0.01345    -0.01347186  0.01633108  0.00554895]
distances: [0.0520432  0.0860162  0.05130448 … 0.05352408 0.05456166
0.05308036]
sorted indices: [2981 1132 3477 … 1107 5226 2486]
selected indices: [2981 1132 3477 2806 3650 3552  183 2455 1085 3992]
selected outputs: [[ 425000.]
 [1236000.]
 [ 360500.]
 [ 324000.]
 [ 519000.]
 [ 790000.]
 [ 865000.]
 [1300000.]
 [ 705000.]
 [ 812000.]]
Predicted value: 733650.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01514712  0.0035635   0.
  0.          0.01938684  0.01216718  0.0174732   0.          0.01335295
  0.          0.01347093 -0.01344159  0.01003011  0.00450244]
distances: [0.01789154 0.06794289 0.02284653 … 0.01063544 0.01083523
0.01372193]
sorted indices: [4863 3312 4389 … 1107 5226 2486]
selected indices: [4863 3312 4389 1818  978 2348 4078 4599  159   85]
```

```
selected outputs: [[720000.]
 [305000.]
 [399000.]
 [243500.]
 [635000.]
 [585000.]
 [500000.]
 [344000.]
 [650000.]
 [450000.]]
Predicted value: 483150.0


query set: [ 0.01345102  0.00387821  0.00602491  0.00650014  0.00168544  0.
  0.          0.0116321   0.01042901  0.00674163  0.00281428  0.01314826
  0.          0.01349021 -0.01347098  0.01388785  0.00212953]
distances: [0.010058   0.06894717 0.00672917 … 0.01705668 0.02104703
0.01427632]
sorted indices: [1280 2430 4585 … 1107 5226 2486]
selected indices: [1280 2430 4585 2529 5015 1220 1904 4151 4887 1901]
selected outputs: [[600000.]
 [411000.]
 [351000.]
 [649000.]
 [450000.]
 [255000.]
 [625000.]
 [580000.]
 [250000.]
 [450000.]]
Predicted value: 462100.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00912405  0.00140293  0.
  0.          0.0116321   0.01216718  0.00777351  0.01023374  0.0132779
  0.          0.01348708 -0.01346185  0.0101587   0.00173405]
distances: [0.0112744   0.06773452 0.01392062 … 0.01748618 0.02055404
0.01465145]
sorted indices: [ 355 3667 2237 … 1107 5226 2486]
selected indices: [ 355 3667 2237 2821 2822 1091 3460 3459 1912 2349]
selected outputs: [[345000.]
 [445434.]
 [510000.]
 [245000.]
 [570000.]
 [525000.]
 [310000.]
 [180000.]
 [578000.]
 [190000.]]
```

Predicted value: 389843.4

query set: [0.01345102 0.01163464 0.01204982 0.00715612 0.00327842 0.
  0.   0.01938684 0.01042901 0.00825505 0.   0.01329837
  0.   0.01335053 -0.01342773 0.00822984 0.00414224]
distances: [0.01025757 0.06865671 0.01460558 … 0.01491343 0.01800907
0.01067967]
sorted indices: [134 2424 4319 … 1107 5226 2486]
selected indices: [134 2424 4319 1208 3302 1477 256 190 4459 4503]
selected outputs: [[232000.]
 [272000.]
 [421000.]
 [310000.]
 [320000.]
 [258000.]
 [530000.]
 [310000.]
 [386100.]
 [211000.]]
Predicted value: 325010.0

query set: [0.01345102 0.01163464 0.01506227 0.00906442 0.00231146 0.
  0.   0.01550947 0.01216718 0.0104564   0.   0.013544
  0.   0.01339632 -0.01344798 0.01144462 0.00292456]
distances: [0.01072308 0.06786021 0.0141062 … 0.00867571 0.01216956
0.00546139]
sorted indices: [4506 4362 572 … 1107 5226 2486]
selected indices: [4506 4362 572 4111 707 1661 4947 2143 2609 244]
selected outputs: [[295000.]
 [250000.]
 [275000.]
 [439950.]
 [275000.]
 [254000.]
 [289000.]
 [245000.]
 [720001.]
 [275000.]]
Predicted value: 331795.1

query set: [0.01345102 0.01939106 0.0165685   0.02319775 0.00293106 0.
  0.   0.0116321   0.01564352 0.02676013 0.   0.01367364
  0.   0.01344519 -0.01341254 0.02218198 0.00339143]
distances: [0.03128507 0.07028516 0.03321041 … 0.01852049 0.01450974
0.02634032]
sorted indices: [2415 5158 5522 … 1107 5226 2486]
selected indices: [2415 5158 5522 4090 5154 4575 5073 538 2634 3119]
selected outputs: [[549900.]

```
 [730000.]
 [810000.]
 [833000.]
 [995000.]
 [580000.]
 [925000.]
 [884250.]
 [839990.]
 [820000.]]
Predicted value: 796714.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01127089  0.00160518  0.
  0.          0.0116321   0.01216718  0.01300171  0.          0.01366682
  0.          0.01338721 -0.01344721  0.0190315   0.00219889]
distances: [0.01307111 0.06801062 0.01219832 … 0.00742562 0.00941384
0.01108105]
sorted indices: [1858 4482  842 … 1107 5226 2486]
selected indices: [1858 4482  842 4647 3313  926 2253 1079 5407 3534]
selected outputs: [[880000.]
 [406500.]
 [626000.]
 [343500.]
 [531000.]
 [641000.]
 [270000.]
 [289500.]
 [375900.]
 [467000.]]
Predicted value: 483040.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00673868  0.00318051  0.
  0.          0.0116321   0.01216718  0.00777351  0.          0.01333248
  0.          0.01341564 -0.01345942  0.00848702  0.00401853]
distances: [0.00225248 0.06868016 0.01050797 … 0.01531912 0.01823944
0.01093015]
sorted indices: [2127 1195 2595 … 1107 5226 2486]
selected indices: [2127 1195 2595 1417   79 1390 4432 1215 2568 3648]
selected outputs: [[354000.]
 [190000.]
 [325000.]
 [422000.]
 [255000.]
 [322500.]
 [219000.]
 [369950.]
 [365000.]
 [326000.]]
Predicted value: 314845.0
```

```
query set: [ 0.01345102  0.01163464  0.00903736  0.01097271  0.00160518  0.
  0.          0.01938684  0.01216718  0.00921814  0.01279217  0.01306638
  0.          0.0134804  -0.01346779  0.01183039  0.00202813]
distances: [0.01612692 0.0675622  0.01852434 … 0.01785295 0.01973302 0.0166179
]
sorted indices: [ 231  199 4284 … 1107 5226 2486]
selected indices: [ 231  199 4284 3710 1677 1239 2690  711 1520  476]
selected outputs: [[825000.]
 [320000.]
 [520000.]
 [525000.]
 [260000.]
 [562200.]
 [440000.]
 [545000.]
 [524950.]
 [249000.]]
Predicted value: 477115.0

query set: [ 0.01345102  0.01551285  0.01807473  0.01794993  0.00197084  0.
  0.06803154  0.01938684  0.01390535  0.01761078  0.01151296  0.01330519
  0.06587354  0.01348456 -0.01345744  0.01350208  0.00275744]
distances: [0.09775939 0.06892184 0.09861803 … 0.09596573 0.09585715
0.09660898]
sorted indices: [2974  998  999 … 1107 5226 2486]
selected indices: [2974  998  999 3294 4603 4594 3000 1146 4398  544]
selected outputs: [[ 850000.]
 [ 550000.]
 [ 550000.]
 [ 787500.]
 [1250000.]
 [ 550000.]
 [1400000.]
 [1260000.]
 [1205000.]
 [ 688000.]]
Predicted value: 909050.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01067454  0.00880506  0.
  0.          0.0116321   0.01216718  0.00777351  0.01688567  0.01349624
  0.          0.01344273 -0.01340164  0.01035159  0.00676745]
distances: [0.01976981 0.06786197 0.021478   … 0.02157374 0.0233081
0.02068846]
sorted indices: [4987  849 2751 … 1107 5226 2486]
selected indices: [4987  849 2751 2670 4182 2816 1931  239 1379 4547]
selected outputs: [[299500.]
 [415000.]
```

```
 [250000.]
 [617450.]
 [314500.]
 [268500.]
 [288250.]
 [512000.]
 [258000.]
 [480000.]]
Predicted value: 370320.0


query set: [ 0.01345102  0.01163464  0.00903736  0.02045457  0.08502455  0.
  0.03401577  0.0116321   0.01216718  0.01534064  0.03070122  0.01356447
  0.          0.01341886 -0.01339746  0.01067307  0.05919125]
distances: [0.11183371 0.12661734 0.11111528 … 0.11120343 0.11113757
0.11353562]
sorted indices: [4343 1156 5239 … 1107 5226 2486]
selected indices: [4343 1156 5239 3163 4500  852 1663 1526 2452 1839]
selected outputs: [[568000.]
 [585000.]
 [760000.]
 [649000.]
 [721500.]
 [449500.]
 [500000.]
 [352500.]
 [395000.]
 [440000.]]
Predicted value: 542050.0


query set: [ 0.01345102  0.01551285  0.0165685   0.0163398   0.00199043  0.
  0.05102365  0.01550947  0.01390535  0.01252016  0.0235376   0.01328472
  0.          0.01349262 -0.01345843  0.01562383  0.00243375]
distances: [0.05879453 0.08529911 0.0595965  … 0.05664344 0.05659696
0.05731887]
sorted indices: [4614 3758 4039 … 1107 5226 2486]
selected indices: [4614 3758 4039 2838  507 2139 1659 1495 1698 4208]
selected outputs: [[ 612000.]
 [ 635000.]
 [ 960000.]
 [ 545000.]
 [ 345000.]
 [ 871000.]
 [1240000.]
 [ 695000.]
 [1100000.]
 [1260000.]]
Predicted value: 826300.0
```

```
query set: [ 0.01345102  0.01939106  0.01958096  0.02158762  0.0017657   0.
  0.03401577  0.0116321   0.01564352  0.02490274  0.          0.01366682
  0.          0.01344618 -0.01342751  0.02096037  0.00223094]
distances: [0.04537691 0.07768842 0.04681976 … 0.03784521 0.03627038
0.04160584]
sorted indices: [ 336 1031 1508 … 1107 5226 2486]
selected indices: [ 336 1031 1508 2453 4926 3120 4309 5298 3790 3598]
selected outputs: [[ 780000.]
 [1038000.]
 [ 725995.]
 [1160000.]
 [1225000.]
 [ 589000.]
 [1225000.]
 [ 635000.]
 [ 740000.]
 [ 950000.]]
Predicted value: 906799.5


query set: [ 0.01345102  0.01551285  0.01807473  0.01574346  0.0016909   0.
  0.          0.0116321   0.01216718  0.01816112  0.          0.01365317
  0.          0.01344211 -0.01341474  0.01697404  0.00229989]
distances: [0.0201717  0.06791635 0.02240448 … 0.00664465 0.00479968
0.01359464]
sorted indices: [5201 5409 5435 … 1107 5226 2486]
selected indices: [5201 5409 5435 4418  616 5521 1995 4600 5044 1186]
selected outputs: [[500000.]
 [525000.]
 [335900.]
 [725000.]
 [449950.]
 [350000.]
 [680000.]
 [409950.]
 [505657.]
 [412000.]]
Predicted value: 489345.7


query set: [ 0.01345102  0.01163464  0.0165685   0.00995893  0.0004334   0.
  0.          0.0116321   0.01564352  0.00928693  0.00818699  0.01374187
  0.          0.01345526 -0.01347285  0.00977293  0.001947  ]
distances: [0.01427277 0.06719825 0.01828797 … 0.01226315 0.01478676
0.00873731]
sorted indices: [5249 5310 5121 … 1107 5226 2486]
selected indices: [5249 5310 5121 5325  395 5457 4392 2063 5437 5511]
selected outputs: [[547000.]
 [650000.]
 [341000.]
```

```
 [357500.]
 [409900.]
 [338000.]
 [379770.]
 [279000.]
 [448000.]
 [530000.]]
Predicted value: 428017.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00494965  0.00193585  0.
  0.          0.01550947  0.01042901  0.00570974  0.          0.01313461
  0.          0.01349007 -0.01346614  0.00822984  0.00244592]
distances: [0.00659406 0.06941245 0.01016663 … 0.01834531 0.02201652 0.0131604
]
sorted indices: [1514   32 4868 … 1107 5226 2486]
selected indices: [1514   32 4868  512 3699 4747 2093 4715 2623 4251]
selected outputs: [[295000.]
 [205425.]
 [365000.]
 [409000.]
 [320000.]
 [325000.]
 [342888.]
 [285000.]
 [338000.]
 [422000.]]
Predicted value: 330731.3


query set: [ 0.01345102  0.01939106  0.01506227  0.01395443  0.00440237  0.
  0.          0.00775473  0.01390535  0.01148828  0.01714151  0.01342119
  0.          0.0133858  -0.01346361  0.01337348  0.00446188]
distances: [0.02338791 0.06765904 0.02614995 … 0.01998139 0.0195077
0.02090508]
sorted indices: [  87 1632  179 … 1107 5226 2486]
selected indices: [  87 1632  179 4399 2516 2772 2619 2342 4285 4513]
selected outputs: [[467000.]
 [445000.]
 [496500.]
 [518000.]
 [450000.]
 [435000.]
 [562000.]
 [525000.]
 [546800.]
 [559900.]]
Predicted value: 500520.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01240394  0.03579972  0.
```

```
   0.          0.0116321   0.01390535  0.01155707  0.01023374  0.01348942
   0.          0.01350164 -0.01344027  0.01568813  0.04346557]
distances: [0.05572677 0.08496827 0.05449642 … 0.05455355 0.0547305
0.05696734]
sorted indices: [3468  284 2861 … 1107 5226 2486]
selected indices: [3468  284 2861  353 4771  509 2998 4676 2343 3949]
selected outputs: [[369000.]
 [499000.]
 [427000.]
 [585000.]
 [375000.]
 [490000.]
 [400000.]
 [276500.]
 [651000.]
 [560000.]]
Predicted value: 463250.0


query set: [ 0.01345102  0.01551285  0.01958096  0.01830773  0.00333075  0.
  0.          0.0116321   0.01738169  0.01499668  0.02277007  0.01338707
  0.06697589  0.01345806 -0.01344974  0.0160739   0.00454057]
distances: [0.07394313 0.0165839  0.07471542 … 0.07130584 0.07106622
0.07224517]
sorted indices: [1017   37 4915 … 1107 5226 2486]
selected indices: [1017   37 4915 3827  830 4132 1485 1956 3618 1594]
selected outputs: [[ 825050.]
 [1450000.]
 [ 930000.]
 [ 925000.]
 [ 855000.]
 [1307000.]
 [ 860000.]
 [ 925000.]
 [ 740000.]
 [ 885000.]]
Predicted value: 970205.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01562419  0.03174439  0.
  0.          0.0116321   0.01216718  0.01252016  0.02046748  0.01331884
  0.          0.01342412 -0.01347781  0.01111028  0.03887187]
distances: [0.05314101 0.08181869 0.0532455  … 0.05195369 0.05194869
0.05418351]
sorted indices: [1650 1268 4769 … 1107 5226 2486]
selected indices: [1650 1268 4769 2235 1484 3346 4519 2473 1776 5439]
selected outputs: [[280000.]
 [482000.]
 [475000.]
 [291000.]
```

```
 [435000.]
 [575000.]
 [799000.]
 [575000.]
 [595000.]
 [625000.]]
Predicted value: 513200.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01055527  0.00264373  0.
  0.          0.0116321   0.01216718  0.00708559  0.01893242  0.01337342
  0.          0.01341453 -0.01346405  0.01003011  0.00361736]
distances: [0.01991852 0.06777483 0.02217628 … 0.0220654  0.02389907
0.02025199]
sorted indices: [ 382 3142 3372 … 1107 5226 2486]
selected indices: [ 382 3142 3372 2420 3452 2381 1149 2205  585 2751]
selected outputs: [[249000.]
 [430000.]
 [350000.]
 [385000.]
 [580000.]
 [432500.]
 [477000.]
 [520000.]
 [288350.]
 [250000.]]
Predicted value: 396185.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01335809  0.00330539  0.
  0.          0.01938684  0.01390535  0.01540943  0.          0.01329154
  0.          0.01346697 -0.01345183  0.0160739   0.00442862]
distances: [0.01643314 0.06813589 0.01873912 … 0.00966527 0.00920732
0.01372324]
sorted indices: [2754 3823 2033 … 1107 5226 2486]
selected indices: [2754 3823 2033 4124 1003 2782 4599 4863 2904 2894]
selected outputs: [[ 809950.]
 [1081000.]
 [ 980000.]
 [1058000.]
 [ 375000.]
 [ 305000.]
 [ 344000.]
 [ 720000.]
 [ 875000.]
 [ 825000.]]
Predicted value: 737295.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01085344  0.00280907  0.
  0.          0.01550947  0.01216718  0.00825505  0.0158623   0.01335978
```

```
   0.         0.01341142 -0.01346339  0.00964434  0.003245  ]
distances: [0.01712499 0.06750382 0.02008654 … 0.01984613 0.02178347
0.01808842]
sorted indices: [4618 1673 1202 … 1107 5226 2486]
selected indices: [4618 1673 1202 1516 2690  819 2164 4709 1226 2505]
selected outputs: [[279950.]
 [301000.]
 [219000.]
 [275000.]
 [440000.]
 [240000.]
 [265000.]
 [230000.]
 [224000.]
 [263500.]]
Predicted value: 273745.0


query set: [ 0.01345102  0.0310257   0.03614946  0.02588129  0.00302256  0.
  0.         0.0116321   0.01390535  0.02985577  0.         0.01342119
  0.         0.0134709  -0.01345018  0.0131806   0.00369119]
distances: [0.04624345 0.07588171 0.05036101 … 0.03437037 0.03122291 0.0387682
]
sorted indices: [2333  601 2492 … 1107 5226 2486]
selected indices: [2333  601 2492 5084 2536 2934 1362 2041 2091 4892]
selected outputs: [[ 350000.]
 [ 495000.]
 [ 550000.]
 [ 995500.]
 [1250000.]
 [ 966000.]
 [ 530000.]
 [ 569950.]
 [ 506000.]
 [ 359500.]]
Predicted value: 657195.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01514712  0.00305627  0.
  0.         0.0116321   0.01390535  0.01031882  0.02660772  0.0133666
  0.         0.01348555 -0.01346163  0.01202328  0.00275825]
distances: [0.02835606 0.06883429 0.03018259 … 0.02799023 0.02881928
0.02823729]
sorted indices: [ 527 3478 1431 … 1107 5226 2486]
selected indices: [ 527 3478 1431 4056 1479 3303 4469 4997 1679 3150]
selected outputs: [[875000.]
 [265000.]
 [420000.]
 [608000.]
 [570000.]
```

```
 [402000.]
 [285000.]
 [875000.]
 [425000.]
 [367950.]]
Predicted value: 509295.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00995893  0.00367651  0.
  0.03401577  0.0116321   0.01390535  0.01148828  0.          0.01359176
  0.          0.01334638 -0.0134296   0.0117018   0.00452353]
distances: [0.03490646 0.07577953 0.03615541 … 0.03498798 0.03582027
0.03476932]
sorted indices: [ 486 1725 2497 … 1107 5226 2486]
selected indices: [ 486 1725 2497 1517 2849  580  899  920 2491 4121]
selected outputs: [[ 616300.]
 [1430000.]
 [ 329000.]
 [ 685000.]
 [ 605000.]
 [ 245000.]
 [ 933000.]
 [ 350000.]
 [ 256000.]
 [ 660000.]]
Predicted value: 610930.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00876624  0.00196474  0.
  0.          0.00775473  0.01216718  0.01011244  0.          0.01323696
  0.          0.01348781 -0.01345953  0.01183039  0.00248243]
distances: [0.00688856 0.06842902 0.00963624 … 0.01325553 0.0167246
0.01119491]
sorted indices: [2059   75 4040 … 1107 5226 2486]
selected indices: [2059   75 4040 4565  864 1457 2983 4035 2529 4991]
selected outputs: [[417000.]
 [455000.]
 [235000.]
 [401000.]
 [546000.]
 [404500.]
 [319900.]
 [435000.]
 [649000.]
 [246500.]]
Predicted value: 410890.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0098993   0.00325852  0.
  0.          0.0116321   0.01216718  0.01141949  0.          0.01335295
  0.          0.01350472 -0.01346559  0.01054448  0.0036125 ]
```

distances: [0.00686092 0.06767679 0.01234904 … 0.00863982 0.01200578 0.0065462
]
sorted indices: [2201 1678 2459 … 1107 5226 2486]
selected indices: [2201 1678 2459 587 1559 519 2400 3234 3136 1423]
selected outputs: [[195000.]
 [267500.]
 [236000.]
 [390000.]
 [260000.]
 [299000.]
 [325000.]
 [544950.]
 [583000.]
 [265000.]]
Predicted value: 336545.0

query set: [0.01345102 0.01163464 0.01204982 0.01061491 0.00364119 0.
  0.   0.0116321   0.01216718 0.012245   0.   0.01340072
  0.   0.01342285 -0.01346394 0.01375926 0.00342713]
distances: [0.00986042 0.06760148 0.01237259 … 0.00612039 0.00956866
0.00717133]
sorted indices: [1423 3033 4647 … 1107 5226 2486]
selected indices: [1423 3033 4647 4920 3837 122 3066 3846 892 3313]
selected outputs: [[265000.]
 [205000.]
 [343500.]
 [252500.]
 [268000.]
 [400000.]
 [448500.]
 [169000.]
 [557500.]
 [531000.]]
Predicted value: 344000.0

query set: [0.01345102 0.01163464 0.00602491 0.00632124 0.00156666 0.
  0.   0.00775473 0.01042901 0.00626008 0.00383765 0.01305273
  0.   0.01344909 -0.01345964 0.00771547 0.00197945]
distances: [0.00614784 0.06860807 0.01219097 … 0.01763488 0.02061538
0.01256257]
sorted indices: [912 2889 1809 … 1107 5226 2486]
selected indices: [912 2889 1809 4704 2947 2411   93 4643 1157 3269]
selected outputs: [[435000.]
 [335000.]
 [180000.]
 [265000.]
 [339000.]
 [197200.]

```
 [186375.]
 [818900.]
 [345000.]
 [235000.]]
Predicted value: 333647.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01771139  0.00703294  0.
  0.          0.0116321   0.01564352  0.02043126  0.          0.0136327
  0.06700929  0.01342636 -0.01343884  0.0131163   0.01132384]
distances: [0.07056018 0.01582099 0.07151301 … 0.06815187 0.06809169 0.0695351
]
sorted indices: [2441 2304  288 … 1107 5226 2486]
selected indices: [2441 2304  288 1524 2830 1109   28 2570 4598 2968]
selected outputs: [[ 808000.]
 [ 667000.]
 [ 675000.]
 [ 599000.]
 [ 450000.]
 [ 620000.]
 [1088000.]
 [ 840000.]
 [ 400000.]
 [1185000.]]
Predicted value: 733200.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00858734  0.00308195  0.
  0.          0.00775473  0.01216718  0.00990606  0.          0.01340072
  0.          0.01338187 -0.013457    0.01118743  0.01766903]
distances: [0.01674415 0.06998922 0.01904023 … 0.02051125 0.0215381
0.02038876]
sorted indices: [3059 1084 3781 … 1107 5226 2486]
selected indices: [3059 1084 3781 4639 3562 3151 4886 2745 4536 4152]
selected outputs: [[201000.]
 [281000.]
 [249950.]
 [230000.]
 [279900.]
 [207000.]
 [299500.]
 [289571.]
 [315000.]
 [318000.]]
Predicted value: 267092.1


query set: [ 0.01345102  0.01551285  0.01506227  0.01494436  0.0020007   0.
  0.          0.0116321   0.01216718  0.0172393   0.          0.01368729
  0.          0.01339788 -0.01344798  0.01330919  0.00335046]
distances: [0.01630212 0.06750674 0.02034318 … 0.00504358 0.00461571
```

0.01092068]
sorted indices: [3838 3479 2823 … 1107 5226 2486]
selected indices: [3838 3479 2823 3713 4713 1535 3235 2615 2542 305]
selected outputs: [[351000.]
 [700000.]
 [314500.]
 [310000.]
 [305000.]
 [321000.]
 [452500.]
 [426950.]
 [597400.]
 [510000.]]
Predicted value: 428835.0

query set: [0.01345102 0.01551285 0.01355605 0.01186723 0.00147677 0.
  0.03401577 0.01550947 0.01390535 0.00976848 0.01458308 0.01318237
  0.   0.01345172 -0.01346977 0.0116375   0.00233234]
distances: [0.03866372 0.07531887 0.04030861 … 0.03805439 0.03845371
0.03765498]
sorted indices: [2338 1577 642 … 1107 5226 2486]
selected indices: [2338 1577 642 4051 1619 2206 3921 2660 3798 132]
selected outputs: [[560000.]
 [510000.]
 [560000.]
 [294950.]
 [690500.]
 [571000.]
 [453500.]
 [650000.]
 [839000.]
 [460000.]]
Predicted value: 558895.0

query set: [0.01345102 0.01551285 0.01054359 0.0102571   0.00325435 0.
  0.   0.0116321   0.01216718 0.01183224 0.   0.01334613
  0.   0.01341739 -0.01345832 0.00867991 0.0041394]
distances: [0.00806981 0.06778052 0.01538783 … 0.01020409 0.01212101
0.00798431]
sorted indices: [1414 2272 2907 … 1107 5226 2486]
selected indices: [1414 2272 2907 1769 1784 2468 4757 2375 3213 4013]
selected outputs: [[353000.]
 [290000.]
 [275000.]
 [215000.]
 [466750.]
 [390000.]
 [352000.]

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```
 [200000.]
 [375000.]
 [310000.]]
Predicted value: 322675.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00751392  0.0070949   0.
  0.          0.01550947  0.01216718  0.00866781  0.          0.01351671
  0.          0.01337067 -0.01346691  0.00919427  0.00527313]
distances: [0.00943465 0.06838075 0.01331596 … 0.01333615 0.01632921 0.0100339
]
sorted indices: [4663 1406 3843 … 1107 5226 2486]
selected indices: [4663 1406 3843 4372 3310  446 4086 3867 4768 4722]
selected outputs: [[349500.]
 [406430.]
 [239000.]
 [207500.]
 [475000.]
 [300000.]
 [293000.]
 [375000.]
 [383000.]
 [340000.]]
Predicted value: 336843.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01150942  0.0020893   0.
  0.          0.0116321   0.01390535  0.01327688  0.          0.01361906
  0.          0.0135032  -0.01342541  0.01395215  0.00265603]
distances: [0.01225455 0.06762617 0.01596312 … 0.00524569 0.00626866
0.00739397]
sorted indices: [4464 3432 1766 … 1107 5226 2486]
selected indices: [4464 3432 1766 2451 2735 3178 2608 4139 4669 4993]
selected outputs: [[500000.]
 [420000.]
 [316000.]
 [450000.]
 [345000.]
 [348450.]
 [295000.]
 [545000.]
 [449000.]
 [578000.]]
Predicted value: 424645.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00483038  0.00146393  0.
  0.          0.0116321   0.01216718  0.00557216  0.          0.01315508
  0.          0.0134457  -0.01346933  0.00958004  0.00184965]
distances: [0.00526022 0.06929287 0.00841239 … 0.01738261 0.02100149
0.01207563]
```

```
sorted indices: [3567 4084 4516 … 1107 5226 2486]
selected indices: [3567 4084 4516 3540 2367 2471  688 2696 3182  118]
selected outputs: [[580000.]
 [370000.]
 [290000.]
 [415000.]
 [412133.]
 [280000.]
 [373500.]
 [480000.]
 [ 90000.]
 [375000.]]
Predicted value: 366563.3


query set: [ 0.01345102  0.01163464  0.01355605  0.01150942  0.00262993  0.
  0.          0.0116321   0.01216718  0.01011244  0.0117688   0.01353718
  0.          0.01336648 -0.01346086  0.00970864  0.00332288]
distances: [0.01490552 0.0668207  0.01858305 … 0.01427651 0.0166111
0.01273589]
sorted indices: [1549 1407 3715 … 1107 5226 2486]
selected indices: [1549 1407 3715 1640 3175 3301  991  988 2624 2702]
selected outputs: [[250000.]
 [266000.]
 [438000.]
 [340000.]
 [162000.]
 [182700.]
 [425000.]
 [455000.]
 [285000.]
 [278000.]]
Predicted value: 308170.0


query set: [ 0.01345102  0.01939106  0.01506227  0.0161609   0.00481201  0.
  0.          0.0116321   0.01390535  0.01183224  0.02532851  0.0133666
  0.          0.01347359 -0.01345073  0.020446    0.00674311]
distances: [0.03243766 0.06955701 0.03272027 … 0.02803486 0.02713099
0.03038036]
sorted indices: [1889 3573 1062 … 1107 5226 2486]
selected indices: [1889 3573 1062 2117 1934 1045 3628 3216 3350 2238]
selected outputs: [[1398000.]
 [ 744500.]
 [ 615000.]
 [ 725000.]
 [ 730000.]
 [ 523000.]
 [ 469950.]
 [ 627500.]
```

```
[ 840000.]
[ 825000.]]
Predicted value: 749795.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01264247  0.00248001  0.
  0.         0.0116321   0.01390535  0.00839264  0.02302591  0.01340754
  0.         0.01346205 -0.0134438   0.01388785  0.00313345]
distances: [0.02508238 0.0683608  0.0266612  … 0.02490668 0.02540756
0.02469649]
sorted indices: [1176 4833 3394 … 1107 5226 2486]
selected indices: [1176 4833 3394 3978 3303 2935 4546  540 3832   38]
selected outputs: [[324000.]
 [559000.]
 [360000.]
 [343000.]
 [402000.]
 [240000.]
 [620047.]
 [417000.]
 [423000.]
 [260000.]]
Predicted value: 394804.7


query set: [ 0.01345102  0.01551285  0.00903736  0.01270211  0.00282512  0.
  0.         0.0116321   0.01216718  0.00756713  0.02635188  0.01338707
  0.         0.01340059 -0.01345964  0.00951575  0.00329368]
distances: [0.02745497 0.06915048 0.03002284 … 0.02902034 0.02983281
0.02799647]
sorted indices: [  41 2857 3847 … 1107 5226 2486]
selected indices: [  41 2857 3847 4997  785 4957  347 3978 1176 3185]
selected outputs: [[220000.]
 [525000.]
 [412000.]
 [875000.]
 [200000.]
 [211000.]
 [225000.]
 [343000.]
 [324000.]
 [417000.]]
Predicted value: 375200.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01902335  0.0665656   0.
  0.         0.0116321   0.01564352  0.02194468  0.          0.01360541
  0.         0.01336968 -0.0134296   0.01883861  0.08375104]
distances: [0.10637781 0.12369593 0.10515236 … 0.10453734 0.10419489
0.10777943]
sorted indices: [1259 3765 1488 … 1107 5226 2486]
```

```
selected indices: [1259 3765 1488 3965 4483 2664 4934 3959 4694  282]
selected outputs: [[ 559000.]
 [ 410000.]
 [ 900000.]
 [ 506000.]
 [1650000.]
 [ 774950.]
 [ 365000.]
 [ 687000.]
 [ 390000.]
 [ 590000.]]
Predicted value: 683195.0

query set: [ 0.01345102  0.01939106  0.01807473  0.02158762  0.0041022   0.
  0.03401577  0.01938684  0.01390535  0.0130705   0.04400508  0.01340072
  0.          0.01344816 -0.01344897  0.01883861  0.00432761]
distances: [0.06092774 0.08351981 0.06163904 … 0.05763402 0.05707306
0.05910684]
sorted indices: [ 732 3523 4067 … 1107 5226 2486]
selected indices: [ 732 3523 4067   54  464  100 4133 4029 4002 4962]
selected outputs: [[ 769000.]
 [ 875000.]
 [ 497300.]
 [1095000.]
 [ 975000.]
 [ 795000.]
 [ 887000.]
 [ 570000.]
 [1690000.]
 [ 936000.]]
Predicted value: 908930.0

query set: [ 0.01345102  0.01551285  0.01506227  0.02069311  0.00458151  0.
  0.          0.0116321   0.01564352  0.02387086  0.          0.01368047
  0.          0.01344564 -0.01341441  0.02218198  0.00380476]
distances: [0.02715835 0.06928228 0.02824372 … 0.01431898 0.01092838 0.022592
]
sorted indices: [2219 3756 5196 … 1107 5226 2486]
selected indices: [2219 3756 5196 3447  514 2864 5160 5386 5067 4382]
selected outputs: [[685000.]
 [740000.]
 [659950.]
 [806000.]
 [815000.]
 [746500.]
 [775000.]
 [780000.]
 [932990.]
```

```
  [856500.]]
Predicted value: 779694.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00763319  0.00140164  0.
  0.          0.01550947  0.01042901  0.00880539  0.          0.013544
  0.          0.01338702 -0.01345161  0.00822984  0.00177096]
distances: [0.00534728 0.06835819 0.01233236 … 0.01362494 0.01689232
0.00858148]
sorted indices: [2964 3639 1365 … 1107 5226 2486]
selected indices: [2964 3639 1365 3961 4804 1997 1952 4583 2854 1301]
selected outputs: [[185000.]
 [167000.]
 [215000.]
 [190000.]
 [208000.]
 [435000.]
 [345000.]
 [400000.]
 [220000.]
 [255000.]]
Predicted value: 262000.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00548636  0.00189058  0.
  0.          0.01550947  0.01042901  0.00632887  0.          0.01330519
  0.          0.01337746 -0.01345194  0.00777977  0.00250676]
distances: [0.00628126 0.06927285 0.0106541  … 0.01793111 0.02161925
0.01284548]
sorted indices: [  32  512 4715 … 1107 5226 2486]
selected indices: [  32  512 4715 4868 1514 3699  902  608 1578 3449]
selected outputs: [[205425.]
 [409000.]
 [285000.]
 [365000.]
 [295000.]
 [320000.]
 [252500.]
 [254000.]
 [299950.]
 [409950.]]
Predicted value: 309582.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01115162  0.00235769  0.
  0.          0.0116321   0.01390535  0.01011244  0.01023374  0.01350989
  0.          0.01349774 -0.01345062  0.01240905  0.00297891]
distances: [0.01501755 0.06687065 0.01750607 … 0.01209459 0.01431451
0.01119128]
sorted indices: [1294 3902  463 … 1107 5226 2486]
selected indices: [1294 3902  463 4026 2624 4206 4329 3110 1407 1450]
```

```
selected outputs: [[355000.]
 [246000.]
 [327500.]
 [395000.]
 [285000.]
 [385000.]
 [583000.]
 [560000.]
 [266000.]
 [289950.]]
Predicted value: 369245.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01741322  0.00128415  0.
  0.          0.01938684  0.01390535  0.01313929  0.02584019  0.01302544
  0.          0.01347831 -0.01345876  0.01588101  0.0016225 ]
distances: [0.03184478 0.06916229 0.03341703 … 0.02769214 0.02749337
0.02927966]
sorted indices: [1038  211 1049 … 1107 5226 2486]
selected indices: [1038  211 1049 3410  477 2850 1530 3705 3510 2238]
selected outputs: [[1210000.]
 [ 760000.]
 [1045000.]
 [1272000.]
 [ 824500.]
 [ 877500.]
 [1325000.]
 [1045000.]
 [ 760000.]
 [ 825000.]]
Predicted value: 994400.0


query set: [ 0.01345102  0.01551285  0.01958096  0.01681688  0.00212237  0.
  0.          0.0116321   0.01216718  0.00969969  0.03607393  0.01335978
  0.          0.01350362 -0.01345931  0.01491658  0.00268159]
distances: [0.0404752  0.07203181 0.04153657 … 0.03722924 0.03737963
0.03785458]
sorted indices: [1887 2930 4898 … 1107 5226 2486]
selected indices: [1887 2930 4898 4752 1551 1054 1001  658 4990 1355]
selected outputs: [[ 515000.]
 [ 855000.]
 [ 655000.]
 [ 283450.]
 [ 541125.]
 [ 373000.]
 [ 335000.]
 [1600000.]
 [ 968000.]
 [ 367500.]]
```

```
Predicted value: 649307.5


query set: [ 0.01345102  0.01163464  0.01355605  0.00924332  0.00061607  0.
   0.          0.0116321   0.01390535  0.01066278  0.          0.01366682
   0.          0.01348258 -0.01346966  0.00996582  0.00118361]
distances: [0.00869952 0.06777764 0.01421877 … 0.00832597 0.01185514
0.00164645]
sorted indices: [5336 3762 5028 … 1107 5226 2486]
selected indices: [5336 3762 5028 5324 5242 2133 4409 2199 5351 2427]
selected outputs: [[565000.]
 [513000.]
 [580000.]
 [489950.]
 [772000.]
 [510000.]
 [430000.]
 [402000.]
 [375000.]
 [500000.]]
Predicted value: 513695.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01723432  0.00251083  0.
   0.          0.0116321   0.01564352  0.01988092  0.          0.01374187
   0.          0.01344895 -0.01344875  0.01858143  0.00410006]
distances: [0.02199762 0.06821438 0.02395255 … 0.00847229 0.00472801
0.01633644]
sorted indices: [5107 4628 5420 … 1107 5226 2486]
selected indices: [5107 4628 5420 5079  356 3174 5245  444 2804 5054]
selected outputs: [[810000.]
 [515500.]
 [879950.]
 [535000.]
 [690000.]
 [627250.]
 [572000.]
 [550000.]
 [540000.]
 [889950.]]
Predicted value: 660965.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01926188  0.02436313
0.15811388
   0.06803154  0.0116321   0.01216718  0.02221985  0.          0.01313461
   0.06657504  0.01338685 -0.01346867  0.01645967  0.0292979 ]
distances: [0.18926013 0.17610844 0.18925461 … 0.18810542 0.18803299
0.18907255]
sorted indices: [2151 4525 1951 … 1107 5226 2486]
selected indices: [2151 4525 1951 1461 2332 5025 4655 2668 4597 4668]
```

```
selected outputs: [[ 425000.]
 [2050000.]
 [2150000.]
 [1100000.]
 [1360000.]
 [1150000.]
 [2367000.]
 [3120000.]
 [ 528000.]
 [ 285000.]]
Predicted value: 1453500.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00691758  0.00139972  0.
  0.          0.01550947  0.01390535  0.00797988  0.          0.0131619
  0.          0.01348227 -0.01345997  0.0116375   0.00176853]
distances: [0.00526299 0.06873912 0.00972285 … 0.01443223 0.01702919
0.01067736]
sorted indices: [4263 1984  338 … 1107 5226 2486]
selected indices: [4263 1984  338 1152 1595 1861 1898  985 2552 4720]
selected outputs: [[457000.]
 [540000.]
 [276900.]
 [690000.]
 [248000.]
 [300000.]
 [239000.]
 [215000.]
 [385000.]
 [621000.]]
Predicted value: 397190.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01061491  0.00160518  0.
  0.          0.0116321   0.01042901  0.00742955  0.01790904  0.01335295
  0.          0.01343665 -0.01346757  0.00964434  0.00202813]
distances: [0.01893729 0.06764563 0.02151041 … 0.021296   0.02333301
0.01920304]
sorted indices: [2381  382 3452 … 1107 5226 2486]
selected indices: [2381  382 3452 2420 4274 2024  174 3142 2572 3372]
selected outputs: [[432500.]
 [249000.]
 [580000.]
 [385000.]
 [607500.]
 [420000.]
 [240000.]
 [430000.]
 [255000.]
 [350000.]]
```

```
Predicted value: 394900.0

query set: [ 0.01345102  0.01163464  0.00602491  0.01180759  0.00104112  0.
  0.          0.0116321   0.01390535  0.01362084  0.          0.01304591
  0.          0.01347409 -0.01346394  0.00887279  0.00050663]
distances: [0.00774635 0.06792872 0.01533205 … 0.01120827 0.01351526
0.01001487]
sorted indices: [4077 3736 3252 … 1107 5226 2486]
selected indices: [4077 3736 3252 1092 1706  844 3605 1773 1892 2090]
selected outputs: [[330000.]
 [335000.]
 [599950.]
 [926300.]
 [640000.]
 [425000.]
 [427500.]
 [303100.]
 [499100.]
 [733500.]]
Predicted value: 521945.0


query set: [ 0.01345102  0.01551285  0.01958096  0.02102706  0.0051231   0.
  0.          0.0116321   0.01738169  0.0242561   0.          0.01362588
  0.          0.01345263 -0.01343158  0.02339717  0.00612088]
distances: [0.03043632 0.07000156 0.03112434 … 0.01677451 0.01352035
0.02479212]
sorted indices: [2485 3405  650 … 1107 5226 2486]
selected indices: [2485 3405  650 5092  514 4095 2501 3935 4502 4090]
selected outputs: [[ 510000.]
 [ 935000.]
 [ 865000.]
 [ 695000.]
 [ 815000.]
 [1925000.]
 [ 875000.]
 [ 890000.]
 [ 825000.]
 [ 833000.]]
Predicted value: 916800.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00638087  0.00212687  0.
  0.          0.0116321   0.01216718  0.00570974  0.00614024  0.01330519
  0.          0.0134545  -0.0134712   0.00842272  0.00268727]
distances: [0.0076983  0.06843266 0.01130535 … 0.01803509 0.02150274
0.01333167]
sorted indices: [1627  908 3375 … 1107 5226 2486]
selected indices: [1627  908 3375 5179 1945 1042 1147  686 1885 3495]
selected outputs: [[473000.]
```

```
  [436500.]
  [305000.]
  [302860.]
  [345000.]
  [579100.]
  [325000.]
  [615000.]
  [441000.]
  [289000.]]
Predicted value: 411146.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00650014  0.00247134  0.
  0.         0.01938684  0.01216718  0.00749834  0.          0.01341436
  0.         0.01342104 -0.0134471   0.00990152  0.00309249]
distances: [0.00852145 0.06886719 0.01240789 … 0.01542834 0.01826404
0.01123369]
sorted indices: [1625 2583 3686 … 1107 5226 2486]
selected indices: [1625 2583 3686 2262 1477 1208  604 4503  256 4319]
selected outputs: [[350000.]
 [670000.]
 [430000.]
 [650000.]
 [258000.]
 [310000.]
 [234000.]
 [211000.]
 [530000.]
 [421000.]]
Predicted value: 406400.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00775246  0.00115573  0.
  0.         0.0116321   0.01216718  0.00894297  0.          0.01296403
  0.         0.01347172 -0.01346823  0.0161382   0.001947  ]
distances: [0.00764703 0.0686191  0.00701367 … 0.0128876  0.01528493
0.01147806]
sorted indices: [3398 4055 2531 … 1107 5226 2486]
selected indices: [3398 4055 2531 4203 2713 4938 2817 2726 2191 1457]
selected outputs: [[690000.]
 [345000.]
 [650000.]
 [227000.]
 [250000.]
 [650000.]
 [427000.]
 [704000.]
 [380000.]
 [404500.]]
Predicted value: 472750.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.01013783  0.00193617  0.
  0.          0.0116321   0.01390535  0.01169466  0.          0.01360541
  0.          0.01339358 -0.01344897  0.01240905  0.00244795]
distances: [0.01168976 0.06774089 0.01593403 … 0.00684084 0.00855363
0.00546948]
sorted indices: [1350 3141 2433 … 1107 5226 2486]
selected indices: [1350 3141 2433  156  109  833 5264  164 3432 4127]
selected outputs: [[349000.]
 [325000.]
 [291500.]
 [338900.]
 [322500.]
 [295000.]
 [305000.]
 [296000.]
 [420000.]
 [270000.]]
Predicted value: 321290.0


query set: [ 0.01345102  0.01551285  0.01204982  0.0121654   0.00380428  0.
  0.03401577  0.0116321   0.01216718  0.00701679  0.02609604  0.0133666
  0.          0.01348716 -0.01345084  0.0131163   0.00344944]
distances: [0.0440737  0.0770019  0.04491555 … 0.04414398 0.04458797
0.04378964]
sorted indices: [4054 2094 2645 … 1107 5226 2486]
selected indices: [4054 2094 2645 2513 2184 2762 1067 2663 3556  237]
selected outputs: [[620000.]
 [555000.]
 [695000.]
 [575000.]
 [564000.]
 [812000.]
 [530000.]
 [415000.]
 [750000.]
 [285000.]]
Predicted value: 580100.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01455077  0.00163343  0.
  0.          0.0116321   0.01216718  0.01678527  0.          0.01369411
  0.          0.01344516 -0.01341573  0.01568813  0.00233721]
distances: [0.01668793 0.06763058 0.01956721 … 0.00465548 0.00360341 0.0112039
]
sorted indices: [5382 3215 3235 … 1107 5226 2486]
selected indices: [5382 3215 3235 2542 5486 5435  525 5237 2045 5019]
selected outputs: [[425000.]
 [345000.]
```

```
 [452500.]
 [597400.]
 [337500.]
 [335900.]
 [352000.]
 [399000.]
 [425000.]
 [669000.]]
Predicted value: 433830.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00924332  0.0027317   0.
  0.          0.0116321   0.01216718  0.00791109  0.01023374  0.0133666
  0.          0.01344214 -0.01346581  0.01183039  0.00309086]
distances: [0.01256012 0.06717849 0.01482801 … 0.01427789 0.01683821
0.01181183]
sorted indices: [1400 2261 1271 … 1107 5226 2486]
selected indices: [1400 2261 1271   47 2650   68 3282 2072 2702 2581]
selected outputs: [[385500.]
 [405000.]
 [395000.]
 [370000.]
 [525000.]
 [279950.]
 [317000.]
 [447000.]
 [278000.]
 [245000.]]
Predicted value: 364745.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00733502  0.00173937  0.
  0.          0.0116321   0.01390535  0.00681042  0.00614024  0.01329837
  0.          0.01348569 -0.01346933  0.00855131  0.00205814]
distances: [0.00883451 0.06785109 0.01278821 … 0.01503001 0.01871335
0.00979634]
sorted indices: [4228 1885 5224 … 1107 5226 2486]
selected indices: [4228 1885 5224 5043 5205 5105 3068 5519 5055 5204]
selected outputs: [[313500.]
 [441000.]
 [405000.]
 [349000.]
 [390000.]
 [342500.]
 [370000.]
 [414500.]
 [379900.]
 [343000.]]
Predicted value: 374840.0
```

query set: [0.01345102 0.01551285 0.01204982 0.00811027 0.01943811 0.
  0.   0.0116321   0.01042901 0.00660404 0.01023374 0.01337342
  0.   0.01336914 -0.01345711 0.01240905 0.011682]
distances: [0.02399416 0.07024219 0.02398393 … 0.02561112 0.02665166
0.02550437]
sorted indices: [655 4241 1018 … 1107 5226 2486]
selected indices: [655 4241 1018 450 506 719 3108 3850 2110 1649]
selected outputs: [[235000.]
 [425000.]
 [494000.]
 [300000.]
 [390000.]
 [460000.]
 [429000.]
 [500000.]
 [597500.]
 [280000.]]
Predicted value: 411050.0

query set: [0.01345102 0.00775643 0.01054359 0.00763319 0.01199809 0.
  0.   0.01550947 0.01216718 0.00880539 0.   0.01361906
  0.   0.01336668 -0.01343004 0.01401644 0.01961238]
distances: [0.02200674 0.07099437 0.02041036 … 0.023204   0.0252195
0.02392842]
sorted indices: [2520 162 4068 … 1107 5226 2486]
selected indices: [2520 162 4068 4410 2597 1645 775 4205 2495 4074]
selected outputs: [[280000.]
 [265000.]
 [377000.]
 [476800.]
 [539000.]
 [320000.]
 [387000.]
 [213000.]
 [259500.]
 [390000.]]
Predicted value: 350730.0

query set: [0.01345102 0.01163464 0.00602491 0.00793136 0.00173745 0.
  0.   0.01938684 0.01216718 0.00914935 0.   0.01299815
  0.   0.01335033 -0.01342718 0.01099455 0.00439089]
distances: [0.00849688 0.06881245 0.01224117 … 0.01535449 0.01782769
0.01289103]
sorted indices: [2582 682 1579 … 1107 5226 2486]
selected indices: [2582 682 1579 2716 3250 449 3074 2262 3906 604]
selected outputs: [[373000.]
 [161500.]
 [335000.]

```
 [435000.]
 [235000.]
 [345000.]
 [385000.]
 [650000.]
 [387000.]
 [234000.]]
Predicted value: 354050.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00554599  0.00248546  0.
  0.          0.0116321   0.01042901  0.00639767  0.          0.0131892
  0.          0.01343566 -0.01346119  0.01440221  0.00353827]
distances: [0.00766513 0.06916654 0.00349973 … 0.01612053 0.01958627
0.01314596]
sorted indices: [4180 1220  541 … 1107 5226 2486]
selected indices: [4180 1220  541 4887 5015 2147 1901 4791 3858    2]
selected outputs: [[319950.]
 [255000.]
 [192500.]
 [250000.]
 [450000.]
 [285000.]
 [450000.]
 [235000.]
 [390000.]
 [180000.]]
Predicted value: 300745.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00685795  0.00229734  0.
  0.          0.01550947  0.01042901  0.00791109  0.          0.01332566
  0.          0.01342983 -0.01346284  0.00777977  0.00290265]
distances: [0.00440859 0.06879941 0.01171722 … 0.01612257 0.01913028
0.01158155]
sorted indices: [1005 4864 4094 … 1107 5226 2486]
selected indices: [1005 4864 4094  640  932 2119 3206 3198 1789  539]
selected outputs: [[218000.]
 [355000.]
 [285000.]
 [207500.]
 [385100.]
 [425000.]
 [475000.]
 [190000.]
 [465000.]
 [225000.]]
Predicted value: 323060.0

query set: [ 0.01345102  0.02326928  0.03163077  0.02146835  0.0012713   0.
```

```
   0.          0.0116321   0.01216718  0.01651011  0.03070122  0.01344848
   0.          0.01345223 -0.01346889  0.00932286  0.00186588]
distances: [0.04486962 0.07314086 0.04821746 … 0.03804584 0.037144
0.03932426]
sorted indices: [5062 3407  488 … 1107 5226 2486]
selected indices: [5062 3407  488 4978 5267 5243 4528 3698  717 5332]
selected outputs: [[ 729999.]
 [ 780000.]
 [1125000.]
 [1500000.]
 [1200000.]
 [1500000.]
 [ 740000.]
 [ 380000.]
 [1385000.]
 [ 999950.]]
Predicted value: 1033994.9


query set: [ 0.01345102  0.01163464  0.01054359  0.01276174  0.00482518  0.
  0.          0.01550947  0.01216718  0.01080036  0.01458308  0.01335978
  0.          0.01341052 -0.01346515  0.01395215  0.00609655]
distances: [0.01844221 0.06719193 0.01965588 … 0.0172904  0.01870853
0.01820708]
sorted indices: [1395 4345 2766 … 1107 5226 2486]
selected indices: [1395 4345 2766 1175 2684 4675 2698 3259 4006  913]
selected outputs: [[260000.]
 [503000.]
 [615000.]
 [605000.]
 [366000.]
 [445000.]
 [730000.]
 [350000.]
 [635000.]
 [830000.]]
Predicted value: 533900.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01347735  0.00436609  0.
  0.          0.01550947  0.01390535  0.0121762   0.01253633  0.01346895
  0.          0.01344601 -0.01345359  0.01690974  0.00567672]
distances: [0.02041235 0.06724855 0.02144607 … 0.01491326 0.01487234 0.0173397
]
sorted indices: [4201 4346 4043 … 1107 5226 2486]
selected indices: [4201 4346 4043 1131 4271 3491 3224  712 1175 2772]
selected outputs: [[592100.]
 [780000.]
 [910000.]
 [275000.]
```

```
 [449000.]
 [625000.]
 [561500.]
 [828000.]
 [605000.]
 [435000.]]
Predicted value: 606060.0


query set: [ 0.01345102  0.01551285  0.01958096  0.01872517  0.00345178  0.
  0.          0.0116321   0.01216718  0.01582218  0.02149085  0.01359176
  0.          0.0134343  -0.0134679   0.00835843  0.0040238 ]
distances: [0.0293676   0.06798718 0.03321877 … 0.02391428 0.02401409
0.02537637]
sorted indices: [3841 5026 2300 … 1107 5226 2486]
selected indices: [3841 5026 2300  331 2977 1286 3910 5241 5332 5489]
selected outputs: [[ 635000.]
 [1059500.]
 [ 359999.]
 [ 735000.]
 [1110000.]
 [ 607000.]
 [1311000.]
 [ 382000.]
 [ 999950.]
 [1010800.]]
Predicted value: 821024.9


query set: [ 0.01345102  0.01163464  0.00903736  0.01553474  0.00386207  0.
  0.          0.0116321   0.01390535  0.00932133  0.03198044  0.01366682
  0.          0.01351075 -0.01341683  0.010223    0.00618254]
distances: [0.03362349 0.07045279 0.03545156 … 0.03377882 0.0345697
0.03383815]
sorted indices: [4552 2508 3606 … 1107 5226 2486]
selected indices: [4552 2508 3606 4275 3894 4783 4660  527 3782  728]
selected outputs: [[285000.]
 [475000.]
 [350000.]
 [280500.]
 [350000.]
 [465000.]
 [315000.]
 [875000.]
 [459900.]
 [599950.]]
Predicted value: 445535.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00983966  0.00163729  0.
  0.          0.01938684  0.01216718  0.00715438  0.01560645  0.01301862
```

```
   0.          0.01348665 -0.01346328  0.00990152  0.00206869]
distances: [0.01829587 0.0679301  0.02084887 … 0.02085526 0.02285327
0.01852662]
sorted indices: [ 342 3411 5021 … 1107 5226 2486]
selected indices: [ 342 3411 5021 3354 4065  199 2662 2305  337  495]
selected outputs: [[532500.]
 [520000.]
 [663000.]
 [641000.]
 [215000.]
 [320000.]
 [655000.]
 [535000.]
 [317000.]
 [375000.]]
Predicted value: 477350.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00751392  0.00170149  0.
  0.          0.01550947  0.01216718  0.00577854  0.01074543  0.01331201
  0.          0.01348484 -0.01346625  0.00822984  0.00121688]
distances: [0.01315201 0.06795862 0.01596676 … 0.01854474 0.02187457 0.0141067
]
sorted indices: [ 853 1143 2048 … 1107 5226 2486]
selected indices: [ 853 1143 2048  872  319 1849  609 1332 3915 3419]
selected outputs: [[390000.]
 [412000.]
 [480000.]
 [417000.]
 [585000.]
 [483000.]
 [443725.]
 [450000.]
 [340000.]
 [585000.]]
Predicted value: 458572.5


query set: [ 0.01345102  0.01551285  0.01355605  0.01222503  0.00312047  0.
  0.          0.0116321   0.01390535  0.01410238  0.          0.01342119
  0.          0.01345944 -0.01344104  0.01485228  0.00392645]
distances: [0.01344616 0.06762881 0.01649876 … 0.00508118 0.00539768
0.00914026]
sorted indices: [2451 1948 4810 … 1107 5226 2486]
selected indices: [2451 1948 4810 3178  187 2498 1766 1386 1973 2622]
selected outputs: [[450000.]
 [320000.]
 [310000.]
 [348450.]
 [980000.]
```

```
 [374950.]
 [316000.]
 [482000.]
 [325000.]
 [260000.]]
Predicted value: 416640.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01162869  0.00392948  0.
  0.          0.0116321   0.01216718  0.00859901  0.01790904  0.01334613
  0.          0.01350158 -0.01345634  0.01208757  0.0048675 ]
distances: [0.02182629 0.06747038 0.02329476 … 0.01990966 0.02156305
0.01928808]
sorted indices: [ 714 1322  764 … 1107 5226 2486]
selected indices: [ 714 1322  764 2859  167 3704  264 2436 3104 3668]
selected outputs: [[401000.]
 [335000.]
 [502000.]
 [300000.]
 [577000.]
 [350000.]
 [253000.]
 [423500.]
 [437000.]
 [200126.]]
Predicted value: 377862.6


query set: [ 0.01345102  0.01939106  0.01355605  0.02230323  0.00478761  0.
  0.          0.01550947  0.01564352  0.02572825  0.          0.01350306
  0.          0.01346858 -0.01343444  0.01401644  0.00308275]
distances: [0.02694192 0.0692583  0.03130678 … 0.01641932 0.01300394
0.02298912]
sorted indices: [4553 3239 2560 … 1107 5226 2486]
selected indices: [4553 3239 2560 3047 5273 2540 4505 5460 2827 3899]
selected outputs: [[ 731000.]
 [ 449950.]
 [ 465000.]
 [ 367999.]
 [ 982000.]
 [ 359999.]
 [1364000.]
 [ 495000.]
 [ 425000.]
 [ 757500.]]
Predicted value: 639744.8


query set: [ 0.01345102  0.01163464  0.00602491  0.00978003  0.00128415  0.
  0.          0.01938684  0.01216718  0.01128191  0.          0.01302544
  0.          0.01347788 -0.01346658  0.01375926  0.0016225 ]
```

distances: [0.01024503 0.06856161 0.01270013 … 0.01340069 0.01551458
0.01278872]
sorted indices: [9 4759 3522 … 1107 5226 2486]
selected indices: [9 4759 3522 1974 4453 4821 1024 1717 4196 2406]
selected outputs: [[667000.]
 [707900.]
 [329900.]
 [875000.]
 [468000.]
 [380000.]
 [565000.]
 [399950.]
 [651000.]
 [925000.]]
Predicted value: 596875.0

query set: [0.01345102 0.01163464 0.00602491 0.00787173 0.00272881 0.
  0.   0.01550947 0.01216718 0.00908056 0.   0.01333248
  0.   0.01346725 -0.01345282 0.01793847 0.00438075]
distances: [0.01042958 0.06885791 0.00773682 … 0.01381878 0.01583535
0.01374611]
sorted indices: [1112 2405 4104 … 1107 5226 2486]
selected indices: [1112 2405 4104 1133 3127 2506 4415 944 1890 632]
selected outputs: [[390000.]
 [950000.]
 [375000.]
 [810000.]
 [330000.]
 [490000.]
 [335000.]
 [312500.]
 [184000.]
 [549000.]]
Predicted value: 472550.0

query set: [0.01345102 0.01163464 0.01506227 0.00995893 0.00135477 0.
  0.   0.0116321   0.01216718 0.01148828 0.   0.01366
  0.   0.0134007 -0.01343103 0.01073737 0.00171904]
distances: [0.01033055 0.06763114 0.0147828 … 0.00694909 0.01085107
0.00277061]
sorted indices: [3392 2913 4117 … 1107 5226 2486]
selected indices: [3392 2913 4117 2780 2635 2789 3323 3390 4656 489]
selected outputs: [[452000.]
 [394000.]
 [485000.]
 [449000.]
 [500000.]
 [442500.]

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```
 [256900.]
 [461000.]
 [255950.]
 [320000.]]
Predicted value: 401635.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00840844  0.00259654  0.
  0.          0.0116321   0.01216718  0.00969969  0.          0.01355765
  0.          0.01349881 -0.01345293  0.01138032  0.00300203]
distances: [0.00703537 0.06786706 0.01123408 … 0.00921303 0.01274234
0.00513748]
sorted indices: [1408 4743 1691 … 1107 5226 2486]
selected indices: [1408 4743 1691 1075 3386 1164   35 1411 1726 4894]
selected outputs: [[258000.]
 [269000.]
 [400000.]
 [167000.]
 [366000.]
 [285000.]
 [391500.]
 [334000.]
 [220000.]
 [424500.]]
Predicted value: 311500.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0123443   0.01216856  0.
  0.          0.01550947  0.01216718  0.00976848  0.01662983  0.01346212
  0.          0.01341247 -0.01344842  0.01292985  0.0077515 ]
distances: [0.02232835 0.06816677 0.02305113 … 0.02215594 0.02339476
0.02293335]
sorted indices: [4987  506  576 … 1107 5226 2486]
selected indices: [4987  506  576 4773 2766 4675 3616 3045  445 3943]
selected outputs: [[299500.]
 [390000.]
 [510000.]
 [335000.]
 [615000.]
 [445000.]
 [374000.]
 [573500.]
 [453000.]
 [375000.]]
Predicted value: 437000.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01979859  0.0016161   0.
  0.          0.01550947  0.01216718  0.02283898  0.          0.01368729
  0.          0.01340571 -0.013446    0.01658826  0.00200784]
distances: [0.02356138 0.06839293 0.02653414 … 0.01133929 0.00897825
```

0.01864869]
sorted indices: [2540 3239 1121 … 1107 5226 2486]
selected indices: [2540 3239 1121 2965 3047 429 1168 1993 4446 2799]
selected outputs: [[359999.]
 [449950.]
 [702000.]
 [422000.]
 [367999.]
 [330000.]
 [399950.]
 [580135.]
 [960000.]
 [400000.]]
Predicted value: 497203.3

query set: [0.01345102 0.01163464 0.01054359 0.00840844 0.00485407 0.
  0.   0.01550947 0.01216718 0.00969969 0.   0.01330519
  0.   0.01346123 -0.01344941 0.01208757 0.00613305]
distances: [0.00871159 0.06815033 0.01129364 … 0.01140907 0.01428183
0.00977468]
sorted indices: [4086 1068 446 … 1107 5226 2486]
selected indices: [4086 1068 446 2769 3804 3575 4645 416 2196 2101]
selected outputs: [[293000.]
 [235000.]
 [300000.]
 [232000.]
 [458000.]
 [169000.]
 [369300.]
 [249950.]
 [318000.]
 [285000.]]
Predicted value: 290925.0

query set: [0.01345102 0.01551285 0.01355605 0.01252321 0.00117852 0.
  0.   0.0116321   0.01390535 0.01203862 0.00895452 0.0131619
  0.   0.01347211 -0.01346097 0.01157321 0.00184965]
distances: [0.0144851   0.06680302 0.01893784 … 0.0110132   0.01193713
0.01080953]
sorted indices: [4803 2676 5083 … 1107 5226 2486]
selected indices: [4803 2676 5083 1216 404 3525 1294 3712 3002 3062]
selected outputs: [[855000.]
 [397000.]
 [430000.]
 [274000.]
 [607010.]
 [318000.]
 [355000.]

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```
   [666000.]
   [490000.]
   [831000.]]
 Predicted value: 522301.0


 query set: [ 0.01345102  0.01163464  0.01054359  0.00691758  0.00224918  0.
   0.          0.01550947  0.01216718  0.00797988  0.          0.01359176
   0.          0.01334705 -0.01342574  0.01073737  0.00314359]
 distances: [0.00640119 0.0683468  0.01062187 … 0.01250554 0.01569627
 0.00778668]
 sorted indices: [3658   81 4007 … 1107 5226 2486]
 selected indices: [3658   81 4007  402 4045 1338 2277 3315 4722 4471]
 selected outputs: [[245000.]
  [237000.]
  [455000.]
  [265900.]
  [200500.]
  [215000.]
  [188000.]
  [599380.]
  [340000.]
  [330000.]]
 Predicted value: 307578.0


 query set: [ 0.01345102  0.01163464  0.01054359  0.0081699   0.00322642  0.
   0.01700788  0.01550947  0.01216718  0.00942452  0.          0.01341436
   0.          0.01338668 -0.01346548  0.01105884  0.00407653]
 distances: [0.01840845 0.07017675 0.02036357 … 0.02031314 0.02218941
 0.01875244]
 sorted indices: [3977 3774 4719 … 1107 5226 2486]
 selected indices: [3977 3774 4719 4910  877 3831 1910 4442  172  825]
 selected outputs: [[448500.]
  [389000.]
  [544000.]
  [324950.]
  [569000.]
  [502000.]
  [320000.]
  [565000.]
  [729500.]
  [600000.]]
 Predicted value: 499195.0


 query set: [ 0.01345102  0.01163464  0.01506227  0.01311955  0.00235962  0.
   0.          0.01938684  0.01390535  0.01080036  0.01611814  0.01356447
   0.          0.01341657 -0.01344567  0.01510947  0.00306531]
 distances: [0.02217973 0.0675528  0.02320154 … 0.01855957 0.01965041
 0.01933384]
```

```
sorted indices: [1490 4980 2054 … 1107 5226 2486]
selected indices: [1490 4980 2054 3005 1187 3942 4230 4702 1175 4043]
selected outputs: [[652450.]
 [600000.]
 [850000.]
 [750000.]
 [827500.]
 [210000.]
 [339000.]
 [705000.]
 [605000.]
 [910000.]]
Predicted value: 644895.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01741322  0.00339432  0.
  0.          0.01550947  0.01216718  0.0200873   0.          0.01340072
  0.          0.01341753 -0.01344941  0.01003011  0.00428827]
distances: [0.01717228 0.06772319 0.02221268 … 0.01004369 0.01093586
0.01488145]
sorted indices: [1866 4968 3220 … 1107 5226 2486]
selected indices: [1866 4968 3220 1279 2348 1200 2788 3964 1340 1136]
selected outputs: [[294000.]
 [557000.]
 [209950.]
 [560000.]
 [585000.]
 [921000.]
 [481000.]
 [590000.]
 [307000.]
 [390000.]]
Predicted value: 489495.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01180759  0.00233201  0.
  0.          0.0116321   0.01216718  0.01362084  0.          0.01361906
  0.          0.01339629 -0.01343004  0.0102873   0.00258789]
distances: [0.01236903 0.06752904 0.01787456 … 0.00663111 0.00845226
0.00654577]
sorted indices: [2829  618 3325 … 1107 5226 2486]
selected indices: [2829  618 3325 5177 4081 1808 2454  833  109  156]
selected outputs: [[339500.]
 [322500.]
 [260000.]
 [216000.]
 [278000.]
 [250000.]
 [175000.]
 [295000.]
```

```
 [322500.]
 [338900.]]
Predicted value: 279740.0


query set: [ 0.01345102  0.01939106  0.02108718  0.0241519   0.00433239  0.
  0.03401577  0.01550947  0.01564352  0.01534064  0.04656351  0.01356447
  0.          0.01341626 -0.01346669  0.02063889  0.00547391]
distances: [0.06438606 0.08501522 0.06503349 … 0.06004574 0.0592747
0.06200701]
sorted indices: [  54  732 4029 … 1107 5226 2486]
selected indices: [  54  732 4029  464 3523 2124 4067 3138  100 4133]
selected outputs: [[1095000.]
 [ 769000.]
 [ 570000.]
 [ 975000.]
 [ 875000.]
 [ 452000.]
 [ 497300.]
 [ 870000.]
 [ 795000.]
 [ 887000.]]
Predicted value: 778530.0


query set: [ 0.01345102  0.01939106  0.01807473  0.01156906  0.00204019  0.
  0.          0.0116321   0.01390535  0.00825505  0.01893242  0.01369411
  0.          0.01343311 -0.01346339  0.01247335  0.00204151]
distances: [0.02454587 0.06815561 0.02714416 … 0.02214456 0.02222779
0.02122766]
sorted indices: [ 503  557 2881 … 1107 5226 2486]
selected indices: [ 503  557 2881 4706 4513 4088 1970 2516 3384 3744]
selected outputs: [[333800.]
 [345000.]
 [311000.]
 [420000.]
 [559900.]
 [465000.]
 [325000.]
 [450000.]
 [599950.]
 [270000.]]
Predicted value: 407965.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01747285  0.00278627  0.
  0.          0.0116321   0.01390535  0.02015609  0.          0.01374187
  0.          0.01343832 -0.01344886  0.01305201  0.00294646]
distances: [0.01935955 0.06771669 0.02368353 … 0.00741205 0.00527829
0.01411231]
sorted indices: [3448 5235 2040 … 1107 5226 2486]
```

```
selected indices: [3448 5235 2040 4169 5392  566 1690 4107 5393 2315]
selected outputs: [[394000.]
 [416000.]
 [860000.]
 [595000.]
 [695000.]
 [347000.]
 [612000.]
 [480000.]
 [718500.]
 [499000.]]
Predicted value: 561650.0


query set: [ 0.01345102  0.01163464  0.0165685   0.02003713  0.01324275  0.
  0.          0.01550947  0.01216718  0.01252016  0.0393999   0.01356447
  0.          0.01336592 -0.01343048  0.01658826  0.04010862]
distances: [0.05908719 0.08275191 0.05870296 … 0.05645872 0.05649634
0.05888316]
sorted indices: [2203 5439 1776 … 1107 2486 5226]
selected indices: [2203 5439 1776 4769 1868 2369 4233 4519 4256 1650]
selected outputs: [[349900.]
 [625000.]
 [595000.]
 [475000.]
 [440000.]
 [462000.]
 [430000.]
 [799000.]
 [478000.]
 [280000.]]
Predicted value: 493390.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01854627  0.00162059  0.
  0.          0.0116321   0.01390535  0.02139435  0.          0.01366
  0.          0.01339923 -0.0134417   0.01999593  0.00210519]
distances: [0.02319841 0.06845115 0.02486315 … 0.01013753 0.00681795
0.01813776]
sorted indices: [2547  969 5221 … 1107 5226 2486]
selected indices: [2547  969 5221 1325 5487 1246 3825 1682 5099 1368]
selected outputs: [[655000.]
 [359950.]
 [530000.]
 [600000.]
 [380000.]
 [475000.]
 [499000.]
 [675000.]
 [820000.]
```

```
 [762500.]]
Predicted value: 575645.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01896371  0.00402194  0.
  0.01700788  0.01550947  0.01564352  0.01417117  0.02865447  0.01350306
  0.          0.01349188 -0.01346966  0.01832425  0.00462818]
distances: [0.04077864 0.07228763 0.04157172 … 0.03515056 0.03465376
0.03730204]
sorted indices: [2077  625  561 … 1107 5226 2486]
selected indices: [2077  625  561  704 2802 1761 1427 1737 3027 2636]
selected outputs: [[ 865000.]
 [ 350000.]
 [ 700000.]
 [ 678000.]
 [ 699000.]
 [1395000.]
 [ 874000.]
 [1060000.]
 [ 688888.]
 [ 750000.]]
Predicted value: 805988.8


query set: [ 0.01345102  0.01551285  0.00602491  0.00948186  0.00137404  0.
  0.          0.0116321   0.01216718  0.01093795  0.          0.01312779
  0.          0.01348091 -0.01346482  0.01433792  0.00173608]
distances: [0.00789098 0.06829901 0.01160049 … 0.01178693 0.01304285
0.01108657]
sorted indices: [4493 2744 4480 … 1107 5226 2486]
selected indices: [4493 2744 4480 4415 4188 3398 4670 3871 1742 4361]
selected outputs: [[540000.]
 [433000.]
 [401000.]
 [335000.]
 [425000.]
 [690000.]
 [625000.]
 [229000.]
 [235000.]
 [360000.]]
Predicted value: 427300.0


query set: [ 0.01345102  0.01939106  0.01958096  0.0180692   0.00656391  0.
  0.03401577  0.0116321   0.01564352  0.01465272  0.02302591  0.01348259
  0.          0.01346572 -0.01343961  0.01858143  0.00848081]
distances: [0.04762255 0.07724442 0.04839872 … 0.04323276 0.04245931
0.04521946]
sorted indices: [ 783 2765 4976 … 1107 5226 2486]
selected indices: [ 783 2765 4976 1422 4312  740  473 5323 2663 5051]
```

```
selected outputs: [[1125000.]
 [ 740000.]
 [ 480000.]
 [ 350000.]
 [ 675000.]
 [1010000.]
 [ 565000.]
 [ 735000.]
 [ 415000.]
 [1375000.]]
Predicted value: 747000.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00995893  0.00346655  0.
  0.          0.01550947  0.01390535  0.01148828  0.          0.01338707
  0.          0.01344754 -0.01344666  0.01472369  0.00437994]
distances: [0.01013793 0.06792404 0.01177704 … 0.00851265 0.01103692
0.00921346]
sorted indices: [2196  420  944 … 1107 5226 2486]
selected indices: [2196  420  944 4819 3566 1943 1383 3126 1863 2506]
selected outputs: [[318000.]
 [549500.]
 [312500.]
 [232603.]
 [681000.]
 [299900.]
 [985000.]
 [359950.]
 [263000.]
 [490000.]]
Predicted value: 449145.3


query set: [ 0.01345102  0.01551285  0.01054359  0.01031674  0.00190118  0.
  0.          0.01938684  0.01216718  0.01190103  0.          0.01329837
  0.          0.01349556 -0.01346328  0.01093025  0.00248527]
distances: [0.01122835 0.06816993 0.01629346 … 0.01167899 0.01312891
0.01044837]
sorted indices: [1213 4917 2899 … 1107 5226 2486]
selected indices: [1213 4917 2899  223  863 2301 1228 4954 4187 4977]
selected outputs: [[720000.]
 [512500.]
 [535000.]
 [710000.]
 [425000.]
 [415000.]
 [261000.]
 [199900.]
 [360000.]
 [835000.]]
```

Predicted value: 497340.0

query set: [0.01345102 0.00775643 0.00602491 0.00566526 0.00170663 0.
  0.03401577 0.0116321   0.01216718 0.00653525 0.   0.01329154
  0.   0.01345348 -0.01346977 0.01041589 0.00246823]
distances: [0.03434799 0.0769523 0.03486714 … 0.03766782 0.03935785
0.03592285]
sorted indices: [3812 422 4557 … 1107 5226 2486]
selected indices: [3812 422 4557 4438 2518 532 1139 1800 3304 3986]
selected outputs: [[397000.]
 [169317.]
 [306000.]
 [407500.]
 [503000.]
 [320000.]
 [530000.]
 [750000.]
 [580000.]
 [295000.]]
Predicted value: 425781.7

query set: [0.01345102 0.01163464 0.01054359 0.01001856 0.00469676 0.
  0.   0.0116321   0.01390535 0.01155707 0.   0.013544
  0.   0.01344137 -0.01343279 0.01234476 0.0059343]
distances: [0.00892689 0.06779095 0.01233191 … 0.00871227 0.01147649
0.00870103]
sorted indices: [5301 955 381 … 1107 5226 2486]
selected indices: [5301 955 381 1266 1496 3846 2459 519 2578 698]
selected outputs: [[441000.]
 [522000.]
 [521000.]
 [450000.]
 [360000.]
 [169000.]
 [236000.]
 [299000.]
 [290000.]
 [370000.]]
Predicted value: 365800.0

query set: [0.01345102 0.01551285 0.02108718 0.03572095 0.03566007 0.
  0.   0.0116321   0.01911985 0.04120647 0.   0.01367364
  0.   0.01348091 -0.01342729 0.03015464 0.04823613]
distances: [0.07699614 0.09630942 0.07652888 … 0.0687281 0.06689959
0.07519304]
sorted indices: [2792 2370 1284 … 1107 5226 2486]
selected indices: [2792 2370 1284 4807 3949 1380 2866 2343 4298 143]
selected outputs: [[1610000.]

```
 [1680000.]
 [1100000.]
 [ 760000.]
 [ 560000.]
 [ 864000.]
 [1400000.]
 [ 651000.]
 [ 949000.]
 [ 970000.]]
Predicted value: 1054400.0


query set: [ 0.01345102  0.00775643  0.01355605  0.00620197  0.00048669  0.
  0.          0.0116321   0.01390535  0.00715438  0.          0.01370094
  0.          0.01346301 -0.01346174  0.01003011  0.0007788 ]
distances: [0.00908775 0.06855234 0.01201499 … 0.01294626 0.0170285
0.00610666]
sorted indices: [ 779 2706 5339 … 1107 5226 2486]
selected indices: [ 779 2706 5339 5270 4697 4900 5415 5042 2666 2566]
selected outputs: [[325000.]
 [489000.]
 [356000.]
 [163800.]
 [350500.]
 [476000.]
 [461100.]
 [562000.]
 [330000.]
 [315000.]]
Predicted value: 382840.0


query set: [ 0.01345102  0.01163464  0.00602491  0.0083488   0.00260039  0.
  0.          0.0116321   0.01042901  0.0096309   0.          0.01326425
  0.          0.01349375 -0.01345975  0.00912998  0.00328556]
distances: [0.0029854  0.06832042 0.01087103 … 0.01371606 0.0167118
0.01039277]
sorted indices: [4454 1135 1329 … 1107 5226 2486]
selected indices: [4454 1135 1329  980 1163 1343 2169 1529 4526 3676]
selected outputs: [[268000.]
 [265000.]
 [299000.]
 [120000.]
 [263000.]
 [294950.]
 [315000.]
 [340000.]
 [399000.]
 [414500.]]
Predicted value: 297845.0
```

query set: [0.01345102 0.01163464 0.01506227 0.0119865   0.00312208 0.
  0.   0.01550947 0.01390535 0.01382721 0.   0.01355765
  0.   0.01345291 -0.01342993 0.01189469 0.00278178]
distances: [0.01302236 0.06754716 0.01682122 … 0.00547349 0.00864715
0.00712101]
sorted indices: [2675 1098 4373 … 1107 5226 2486]
selected indices: [2675 1098 4373 1375 997 1880 1610 3884 1295 2574]
selected outputs: [[347500.]
 [450000.]
 [624950.]
 [890000.]
 [675000.]
 [325000.]
 [306500.]
 [334000.]
 [479000.]
 [319000.]]
Predicted value: 475095.0

query set: [0.01345102 0.01551285 0.0165685   0.02212433 0.00256315 0.
  0.   0.0116321   0.01564352 0.02552187 0.   0.01363953
  0.   0.01344364 -0.01341342 0.0189672   0.00323851]
distances: [0.02788446 0.0691993 0.0302947 … 0.0145867   0.01132819
0.02256862]
sorted indices: [1585 5032 5158 … 1107 5226 2486]
selected indices: [1585 5032 5158 465 5272 5104 5364 3243 2864 680]
selected outputs: [[846450.]
 [650000.]
 [730000.]
 [920000.]
 [955000.]
 [859990.]
 [757500.]
 [320000.]
 [746500.]
 [980000.]]
Predicted value: 776544.0

query set: [0.01345102 0.01939106 0.01958096 0.02295921 0.00521652 0.
  0.03401577 0.0116321   0.01564352 0.02084401 0.02097917 0.01366
  0.   0.01338628 -0.01344644 0.01697404 0.00299879]
distances: [0.04848448 0.07709414 0.05027114 … 0.04260116 0.04146762
0.04537498]
sorted indices: [740 5323 783 … 1107 5226 2486]
selected indices: [740 5323 783 4160 5217 5051 2994 2079 4312 1891]
selected outputs: [[1010000.]
 [735000.]

```
 [1125000.]
 [ 935000.]
 [ 844000.]
 [1375000.]
 [1420000.]
 [1865000.]
 [ 675000.]
 [2500000.]]
Predicted value: 1248400.0


query set: [ 0.01345102  0.01551285  0.00903736  0.01472968  0.00192622  0.
  0.          0.0116321   0.01216718  0.01018123  0.02532851  0.01323696
  0.          0.01347228 -0.01347098  0.01375926  0.0016225 ]
distances: [0.02749576 0.06870413 0.02930353 … 0.02698618 0.02735126
0.02732223]
sorted indices: [3303 3978 4997 … 1107 5226 2486]
selected indices: [3303 3978 4997 2857 4523 3451 2263 1176  841 2935]
selected outputs: [[402000.]
 [343000.]
 [875000.]
 [525000.]
 [325000.]
 [780000.]
 [400000.]
 [324000.]
 [555000.]
 [240000.]]
Predicted value: 476900.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01794993  0.00238434  0.
  0.          0.0116321   0.01390535  0.02070642  0.          0.01371458
  0.          0.01349217 -0.01344027  0.01928868  0.00199933]
distances: [0.02283146 0.06832133 0.02459915 … 0.00923076 0.00592615
0.01715236]
sorted indices: [ 969 5428 2547 … 1107 5226 2486]
selected indices: [ 969 5428 2547  385 1682 5395 5420 5054 2804 2546]
selected outputs: [[359950.]
 [499990.]
 [655000.]
 [399000.]
 [675000.]
 [525000.]
 [879950.]
 [889950.]
 [540000.]
 [730000.]]
Predicted value: 615384.0
```

```
query set: [ 0.01345102  0.01163464  0.01506227  0.01341772  0.00120613  0.
  0.          0.0116321   0.01216718  0.01547822  0.          0.01368729
  0.          0.01342766 -0.01344214  0.01446651  0.00184803]
distances: [0.01454272 0.06745526 0.01722539 … 0.00190413 0.00608834
0.00834642]
sorted indices: [2403 5293 2820 … 1107 5226 2486]
selected indices: [2403 5293 2820  173 1178  208 3809 5441 5524 3373]
selected outputs: [[550000.]
 [445000.]
 [561000.]
 [430000.]
 [441500.]
 [449950.]
 [589000.]
 [480000.]
 [507250.]
 [452500.]]
Predicted value: 490620.0

query set: [ 0.01345102  0.00775643  0.00602491  0.0039955   0.00099553  0.
  0.          0.01550947  0.01042901  0.00460907  0.          0.01329154
  0.          0.01344912 -0.0134581   0.01067307  0.00166306]
distances: [0.00774306 0.06968941 0.00835542 … 0.01877753 0.02236078
0.01369358]
sorted indices: [2093 2623 4264 … 1107 5226 2486]
selected indices: [2093 2623 4264 4747 5142 2599 4422 4772 1117 1788]
selected outputs: [[342888.]
 [338000.]
 [345000.]
 [325000.]
 [399950.]
 [268500.]
 [334000.]
 [464050.]
 [570000.]
 [213000.]]
Predicted value: 360038.8

query set: [ 0.01345102  0.01163464  0.01054359  0.00918368  0.00417411  0.
  0.          0.00775473  0.01390535  0.00825505  0.00869868  0.01353718
  0.          0.01346849 -0.01343279  0.01041589  0.004096  ]
distances: [0.01144012 0.0673777  0.0148268  … 0.01451267 0.0169432
0.01197095]
sorted indices: [2784 1036 2480 … 1107 5226 2486]
selected indices: [2784 1036 2480 2786 1271   47  974 3167  909 3413]
selected outputs: [[360000.]
 [525000.]
 [260750.]
```

```
 [420000.]
 [395000.]
 [370000.]
 [347500.]
 [500000.]
 [410000.]
 [434900.]]
Predicted value: 402315.0

query set: [ 0.01345102  0.01163464  0.01355605  0.0123443   0.0009095   0.
  0.03401577  0.0116321   0.01390535  0.01025002  0.01483892  0.01341436
  0.          0.01344904 -0.01347175  0.01247335  0.00153894]
distances: [0.03854861 0.07511625 0.03973963 … 0.03762563 0.03835211
0.03739218]
sorted indices: [2846 4633  132 … 1107 5226 2486]
selected indices: [2846 4633  132 1577  900 1491 3921 4051 4573 2660]
selected outputs: [[500000.]
 [449500.]
 [460000.]
 [510000.]
 [625000.]
 [605000.]
 [453500.]
 [294950.]
 [590000.]
 [650000.]]
Predicted value: 513795.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00781209  0.00306718  0.
  0.          0.0116321   0.01216718  0.00660404  0.00895452  0.01338707
  0.          0.01337567 -0.01345931  0.00842272  0.00399338]
distances: [0.00935866 0.06793221 0.01389635 … 0.01793033 0.02050755 0.0142421
]
sorted indices: [4270  636 4049 … 1107 5226 2486]
selected indices: [4270  636 4049  745 2270 3828 4577  271 2156 3834]
selected outputs: [[150000.]
 [294000.]
 [325000.]
 [265000.]
 [399950.]
 [320000.]
 [290000.]
 [260000.]
 [306000.]
 [194000.]]
Predicted value: 280395.0

query set: [ 0.01345102  0.01163464  0.00602491  0.01073418  0.00180166  0.
```

```
     0.          0.01550947  0.01216718  0.00825505  0.01535061  0.01325061
     0.          0.01344075 -0.01346955  0.00932286  0.00212953]
distances: [0.01627572 0.06775316 0.01962612 … 0.02062567 0.02254005
0.01865381]
sorted indices: [2932 3318  205 … 1107 5226 2486]
selected indices: [2932 3318  205 3465 1688 4492 3114 2610 1202  362]
selected outputs: [[458000.]
 [556000.]
 [588000.]
 [440000.]
 [371500.]
 [253000.]
 [570000.]
 [415000.]
 [219000.]
 [320000.]]
Predicted value: 419050.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00930295  0.00300522  0.
  0.          0.01550947  0.01216718  0.00935573  0.00511687  0.01320967
  0.          0.01345039 -0.01346042  0.01073737  0.00253272]
distances: [0.01164281 0.06734217 0.01502616 … 0.01086267 0.01400366
0.00757409]
sorted indices: [4184 4034 3625 … 1107 5226 2486]
selected indices: [4184 4034 3625  483 1695 2158 3486 2385 2733 2446]
selected outputs: [[265000.]
 [265000.]
 [712000.]
 [475000.]
 [265000.]
 [332000.]
 [270000.]
 [439000.]
 [265000.]
 [267500.]]
Predicted value: 355550.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01055527  0.00246139  0.
  0.          0.0116321   0.01390535  0.0087366   0.01279217  0.01341436
  0.          0.01351072 -0.01346779  0.01401644  0.00328678]
distances: [0.0163319  0.0671118   0.01753691 … 0.01496403 0.01684635 0.0141515
]
sorted indices: [3778 4329 2624 … 1107 5226 2486]
selected indices: [3778 4329 2624  463  565  930 3110 4026  248 4924]
selected outputs: [[327000.]
 [583000.]
 [285000.]
 [327500.]
```

```
 [399000.]
 [625000.]
 [560000.]
 [395000.]
 [390000.]
 [403000.]]
Predicted value: 429450.0


query set: [ 0.01345102  0.01551285  0.01506227  0.02009676  0.00231146  0.
  0.          0.0116321   0.01390535  0.02318294  0.          0.01374187
  0.          0.01350998 -0.01347021  0.01208757  0.0029205 ]
distances: [0.02258607 0.06812503 0.02728802 … 0.01105775 0.00895631
0.01760256]
sorted indices: [5460 1814 5370 … 1107 5226 2486]
selected indices: [5460 1814 5370 2034 5147 3448 2040 5173 4505 3047]
selected outputs: [[ 495000.]
 [1255000.]
 [ 810000.]
 [1290000.]
 [ 925000.]
 [ 394000.]
 [ 860000.]
 [ 649000.]
 [1364000.]
 [ 367999.]]
Predicted value: 840999.9


query set: [ 0.01345102  0.01163464  0.01506227  0.01520675  0.00247487  0.
  0.          0.0116321   0.01564352  0.01754199  0.          0.01357129
  0.          0.01337941 -0.01347098  0.01549524  0.00375203]
distances: [0.01729982 0.06761091 0.01978456 … 0.00358753 0.00420176
0.01164555]
sorted indices: [1486 3439 1865 … 1107 5226 2486]
selected indices: [1486 3439 1865 4363 2475 1209 2328 4671 4651 3324]
selected outputs: [[572500.]
 [530000.]
 [425000.]
 [399950.]
 [657500.]
 [717000.]
 [535000.]
 [330000.]
 [450000.]
 [570000.]]
Predicted value: 518695.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0081699   0.00297055  0.
  0.          0.0116321   0.01216718  0.00749834  0.00716362  0.01360541
```

```
  0.           0.0133974  -0.01343598  0.00945145  0.00375325]
distances: [0.01178574 0.06741209 0.01528952 … 0.01337782 0.01645098
0.00901362]
sorted indices: [2446 3486 3287 … 1107 5226 2486]
selected indices: [2446 3486 3287 2158 2385 4494 1655 2063 3696 3496]
selected outputs: [[267500.]
 [270000.]
 [269000.]
 [332000.]
 [439000.]
 [246000.]
 [219950.]
 [279000.]
 [310000.]
 [364000.]]
Predicted value: 299645.0


query set: [ 0.01345102  0.01551285  0.02259341  0.02462897  0.00395517  0.
  0.           0.0116321   0.01911985  0.02841114  0.           0.01365317
  0.           0.01343917 -0.01344457  0.02372508  0.00455395]
distances: [0.03601817 0.07149632 0.03724616 … 0.02188088 0.01867596
0.02967455]
sorted indices: [1921 5141 4502 … 1107 5226 2486]
selected indices: [1921 5141 4502 5416 4269 4294  947  862 4305 1076]
selected outputs: [[1146800.]
 [1060000.]
 [ 825000.]
 [1025000.]
 [1017100.]
 [ 972000.]
 [1905000.]
 [ 762000.]
 [ 920000.]
 [ 688000.]]
Predicted value: 1032090.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00888551  0.00272078  0.
  0.           0.01550947  0.01216718  0.01025002  0.           0.01339389
  0.           0.01347811 -0.01344258  0.00958004  0.00346404]
distances: [0.00593346 0.06803558 0.01216555 … 0.01149775 0.0145614
0.00826711]
sorted indices: [1794 1550 2699 … 1107 5226 2486]
selected indices: [1794 1550 2699 1437 4128 1884 2038 2194  774 1919]
selected outputs: [[470000.]
 [590300.]
 [266200.]
 [419000.]
 [264950.]
```

```
  [242000.]
  [249950.]
  [244900.]
  [219950.]
  [320000.]]
Predicted value: 328725.0


query set: [ 0.01345102  0.01551285  0.01958096  0.0283263   0.02002143  0.
  0.         0.0116321   0.01911985  0.03267625  0.          0.01356447
  0.         0.01349446 -0.01343884  0.02121755  0.01292565]
distances: [0.04366897 0.07502481 0.04496994 … 0.03258119 0.03011523
0.03987045]
sorted indices: [ 143 3721  197 … 1107 5226 2486]
selected indices: [ 143 3721  197 4673  225 4298 1171  567  924 1905]
selected outputs: [[ 970000.]
 [ 835000.]
 [1578000.]
 [ 637000.]
 [1100000.]
 [ 949000.]
 [ 898000.]
 [1680000.]
 [ 775000.]
 [ 915000.]]
Predicted value: 1033700.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01681688  0.00257118  0.
  0.         0.0116321   0.01564352  0.01939937  0.          0.01365317
  0.         0.01346196 -0.01342541  0.01813136  0.00300081]
distances: [0.0212826  0.06811363 0.02340857 … 0.00768093 0.00376503
0.01541561]
sorted indices: [5245  356  444 … 1107 5226 2486]
selected indices: [5245  356  444 2804 5095 5369 5139 2523 5044 3101]
selected outputs: [[ 572000.]
 [ 690000.]
 [ 550000.]
 [ 540000.]
 [ 515000.]
 [ 395000.]
 [1035292.]
 [ 784950.]
 [ 505657.]
 [ 340000.]]
Predicted value: 592789.9


query set: [ 0.01345102  0.01551285  0.01355605  0.01681688  0.00538378  0.
  0.         0.01550947  0.01390535  0.01320808  0.02302591  0.01341436
  0.         0.01338238 -0.01346801  0.01491658  0.00561791]
```

distances: [0.02837408 0.06824511 0.03005235 … 0.02455844 0.0243824
0.02655328]
sorted indices: [3748 3759 327 … 1107 5226 2486]
selected indices: [3748 3759 327 2213 3573 478 2363 3216 2174 384]
selected outputs: [[765000.]
 [600000.]
 [500000.]
 [525000.]
 [744500.]
 [762500.]
 [610000.]
 [627500.]
 [437850.]
 [355000.]]
Predicted value: 592735.0

query set: [0.01345102 0.01163464 0.0165685   0.00995893 0.00106905 0.
  0.   0.01550947 0.01216718 0.01148828 0.   0.01313461
  0.   0.01347754 -0.01346757 0.0088085   0.00202813]
distances: [0.01211641 0.06782188 0.01711354 … 0.00919371 0.01265997
0.00508321]
sorted indices: [3558 2382 3819 … 1107 5226 2486]
selected indices: [3558 2382 3819 2143 707 4506 2327 4362 220 572]
selected outputs: [[379000.]
 [270000.]
 [270000.]
 [245000.]
 [275000.]
 [295000.]
 [314000.]
 [250000.]
 [408200.]
 [275000.]]
Predicted value: 298120.0

query set: [0.01345102 0.01551285 0.01204982 0.01401406 0.00154579 0.
  0.   0.01550947 0.01216718 0.00997486 0.02302591 0.01305956
  0.   0.01348122 -0.01346515 0.01054448 0.00162777]
distances: [0.02555409 0.06818005 0.02844422 … 0.02493453 0.02559084
0.02449345]
sorted indices: [4979 841 4683 … 1107 5226 2486]
selected indices: [4979 841 4683 2240 4199 2909 846 2852 1705 2213]
selected outputs: [[771000.]
 [555000.]
 [494000.]
 [630000.]
 [379000.]
 [233000.]

```
 [400000.]
 [770000.]
 [602000.]
 [525000.]]
Predicted value: 535900.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00709648  0.00132267  0.
  0.          0.0116321   0.01042901  0.00818626  0.          0.0131619
  0.          0.01344819 -0.01345788  0.0087442   0.00188007]
distances: [0.00186773 0.06861489 0.01056513 … 0.01501104 0.018088
0.01036164]
sorted indices: [3835 3972 4785 … 1107 5226 2486]
selected indices: [3835 3972 4785 4570 1969 1135 1163  980    0 1844]
selected outputs: [[380000.]
 [375000.]
 [310000.]
 [260000.]
 [329000.]
 [265000.]
 [263000.]
 [120000.]
 [221900.]
 [285000.]]
Predicted value: 280890.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01836737  0.00168544  0.
  0.          0.0116321   0.01564352  0.02118797  0.          0.01366682
  0.          0.01346174 -0.01342486  0.01916009  0.00223459]
distances: [0.0257785  0.06877814 0.0276213  … 0.01138415 0.00843515
0.01856869]
sorted indices: [4212  351 5280 … 1107 5226 2486]
selected indices: [4212  351 5280 5379 5145 1872 2429  385 5279 1599]
selected outputs: [[740000.]
 [735000.]
 [640000.]
 [699188.]
 [424950.]
 [928950.]
 [695000.]
 [399000.]
 [852880.]
 [367500.]]
Predicted value: 648246.8


query set: [ 0.01345102  0.00775643  0.00903736  0.00793136  0.00509581  0.
  0.          0.0116321   0.01216718  0.00619129  0.01100127  0.01353718
  0.          0.01347211 -0.01343158  0.01035159  0.00488494]
distances: [0.01304623 0.067835   0.01422305 … 0.01819964 0.02131594
```

```
0.01538004]
sorted indices: [3474 2349 3853 … 1107 5226 2486]
selected indices: [3474 2349 3853  694 3667 2774 3167 2237 4384 3327]
selected outputs: [[386500.]
 [190000.]
 [431000.]
 [234500.]
 [445434.]
 [372500.]
 [500000.]
 [510000.]
 [255000.]
 [315275.]]
Predicted value: 364020.9

query set: [ 0.01345102  0.01551285  0.01054359  0.01461041  0.00426978  0.
  0.03401577  0.01550947  0.01564352  0.01121311  0.02097917  0.01355765
  0.          0.01344963 -0.01344225  0.02025311  0.00628719]
distances: [0.04340728 0.07657388 0.04328259 … 0.04153539 0.04131569
0.04286339]
sorted indices: [1304 2206  397 … 1107 5226 2486]
selected indices: [1304 2206  397 1067 4976 2663 2036 1422 2765 1841]
selected outputs: [[650000.]
 [571000.]
 [860000.]
 [530000.]
 [480000.]
 [415000.]
 [954500.]
 [350000.]
 [740000.]
 [353000.]]
Predicted value: 590350.0

query set: [ 0.01345102  0.01551285  0.01807473  0.01341772  0.00253041  0.
  0.          0.0116321   0.01390535  0.01080036  0.01739736  0.01355083
  0.          0.013397   -0.01346251  0.00996582  0.00304543]
distances: [0.02273306 0.06734049 0.02618282 … 0.01930081 0.01999299
0.01886698]
sorted indices: [3651 2342 1632 … 1107 5226 2486]
selected indices: [3651 2342 1632 5241 5475 4581 3587 1986 4399 4088]
selected outputs: [[550000.]
 [525000.]
 [445000.]
 [382000.]
 [899000.]
 [260000.]
 [750000.]
```

```
 [328000.]
 [518000.]
 [465000.]]
Predicted value: 512200.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01174796  0.00308195  0.
  0.          0.01550947  0.01216718  0.00894297  0.01714151  0.01342119
  0.          0.01337214 -0.01346108  0.01099455  0.00312453]
distances: [0.01939105 0.06736174 0.02167967 … 0.01959752 0.02133713
0.01858736]
sorted indices: [ 354 3259 1673 … 1107 5226 2486]
selected indices: [ 354 3259 1673  700 4618  235 3903   77 4830 3942]
selected outputs: [[461000.]
 [350000.]
 [301000.]
 [615000.]
 [279950.]
 [324500.]
 [305000.]
 [260000.]
 [329000.]
 [210000.]]
Predicted value: 343545.0


query set: [ 0.01345102  0.01551285  0.01204982  0.00876624  0.00224725  0.
  0.          0.01550947  0.01390535  0.01011244  0.          0.01342119
  0.          0.0133981  -0.01345975  0.01054448  0.00283938]
distances: [0.00897677 0.06804304 0.01461473 … 0.0104477  0.01228353
0.00696775]
sorted indices: [ 574 3073  818 … 1107 5226 2486]
selected indices: [ 574 3073  818 4884 1573 2347 3105  635  597 4679]
selected outputs: [[205000.]
 [440000.]
 [658600.]
 [560000.]
 [287000.]
 [304000.]
 [626000.]
 [679000.]
 [230000.]
 [430000.]]
Predicted value: 441960.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01687651  0.00209829  0.
  0.          0.0116321   0.01564352  0.01946817  0.          0.01357129
  0.          0.01350331 -0.01344688  0.01742411  0.00282072]
distances: [0.01993552 0.06788705 0.02184559 … 0.00611394 0.00497005
0.01444187]
```

```
sorted indices: [3927 5308  128 … 1107 5226 2486]
selected indices: [3927 5308  128 3371 3994 2355 1404 5149 4268 1328]
selected outputs: [[751000.]
 [739000.]
 [551000.]
 [685000.]
 [546200.]
 [525000.]
 [735000.]
 [554950.]
 [540000.]
 [485000.]]
Predicted value: 611215.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00942222  0.00168544  0.
  0.          0.01938684  0.01216718  0.01086915  0.          0.01333248
  0.          0.01343266 -0.01344644  0.00758688  0.00240941]
distances: [0.00863055 0.06861411 0.0152876  … 0.01528191 0.01779417
0.01245897]
sorted indices: [2743 1579  449 … 1107 5226 2486]
selected indices: [2743 1579  449 3074 3557 1130 3032 2582 3906 2321]
selected outputs: [[265000.]
 [335000.]
 [345000.]
 [385000.]
 [235000.]
 [400000.]
 [206990.]
 [373000.]
 [387000.]
 [220000.]]
Predicted value: 315199.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01228467  0.00205463  0.
  0.          0.0116321   0.01216718  0.00804868  0.02277007  0.01348942
  0.          0.01337497 -0.01344963  0.01215187  0.00354354]
distances: [0.02472887 0.06823751 0.02673398 … 0.02473888 0.02551684
0.02405429]
sorted indices: [3394 1141 3832 … 1107 5226 2486]
selected indices: [3394 1141 3832 1176  540 1482 3978 4546 2587  925]
selected outputs: [[360000.]
 [466000.]
 [423000.]
 [324000.]
 [417000.]
 [440000.]
 [343000.]
 [620047.]
```

```
 [462000.]
 [430000.]]
Predicted value: 428504.7


query set: [ 0.01345102  0.01551285  0.01506227  0.01461041  0.0041693   0.
  0.          0.01550947  0.01564352  0.0139648   0.01074543  0.01350989
  0.          0.01346753 -0.01344446  0.0175527   0.00555098]
distances: [0.02066204 0.06725803 0.02193759 … 0.013317    0.01259246
0.01699822]
sorted indices: [2244 3491 4306 … 1107 5226 2486]
selected indices: [2244 3491 4306 4201 4271 4043 4288 3224 4346 1216]
selected outputs: [[800000.]
 [625000.]
 [615000.]
 [592100.]
 [449000.]
 [910000.]
 [813500.]
 [561500.]
 [780000.]
 [274000.]]
Predicted value: 642010.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01347735  0.0022601   0.
  0.          0.0116321   0.01390535  0.01554702  0.          0.01363953
  0.          0.01339182 -0.01343213  0.01401644  0.00280287]
distances: [0.0164699   0.0678783   0.0206526   … 0.00780839 0.00535654
0.01141103]
sorted indices: [ 901 1263  916 … 1107 5226 2486]
selected indices: [ 901 1263  916 3274 1014 2295  665 5337 2694 4992]
selected outputs: [[502500.]
 [572000.]
 [335000.]
 [326000.]
 [359950.]
 [259875.]
 [337500.]
 [270500.]
 [302000.]
 [349900.]]
Predicted value: 361522.5


query set: [ 0.01345102  0.01551285  0.00602491  0.01180759  0.0025654   0.
  0.          0.0116321   0.01216718  0.01362084  0.          0.01338707
  0.          0.01342248 -0.01344666  0.01112314  0.00312331]
distances: [0.00869679 0.06792684 0.01501787 … 0.010959    0.01202981
0.01137708]
sorted indices: [2835 4480 2744 … 1107 5226 2486]
```

```
selected indices: [2835 4480 2744 4493  993 1742 3213 3917  378 4700]
selected outputs: [[310000.]
 [401000.]
 [433000.]
 [540000.]
 [825000.]
 [235000.]
 [375000.]
 [195000.]
 [701000.]
 [265000.]]
Predicted value: 428000.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01723432  0.00699217  0.
  0.          0.0116321   0.01390535  0.01988092  0.          0.01364635
  0.          0.01341462 -0.01345942  0.01363067  0.00329246]
distances: [0.01949677 0.06775781 0.0225992  … 0.00780557 0.00789579
0.01479307]
sorted indices: [3168  374 5392 … 1107 5226 2486]
selected indices: [3168  374 5392 4856 2475 2788 2538 4268 3873 4651]
selected outputs: [[645000.]
 [755000.]
 [695000.]
 [717500.]
 [657500.]
 [481000.]
 [605000.]
 [540000.]
 [518000.]
 [450000.]]
Predicted value: 606400.0

query set: [ 0.01345102  0.01551285  0.01807473  0.01997749  0.00763457  0.
  0.          0.01550947  0.01564352  0.01389601  0.03402718  0.01350306
  0.          0.01345065 -0.01344247  0.01845284  0.0048821 ]
distances: [0.04102983 0.07185906 0.04170491 … 0.03605851 0.03552266
0.03839999]
sorted indices: [3001 3893 2312 … 1107 5226 2486]
selected indices: [3001 3893 2312 2303 4214 4302 4161  937  518 2383]
selected outputs: [[720000.]
 [780000.]
 [350000.]
 [965000.]
 [635700.]
 [725000.]
 [575000.]
 [375000.]
 [962000.]
```

```
  [449228.]]
Predicted value: 653692.8


query set: [ 0.01345102  0.01163464  0.00602491  0.00685795  0.00284053  0.
  0.          0.0116321   0.01216718  0.00791109  0.          0.01342801
  0.          0.01339482 -0.01344016  0.00784406  0.00388427]
distances: [0.00206636 0.0686715  0.01111873 … 0.01542294 0.01836386
0.01084295]
sorted indices: [1390 1417 1195 … 1107 5226 2486]
selected indices: [1390 1417 1195 1215 3152 4119 2595 3377 2010 3648]
selected outputs: [[322500.]
 [422000.]
 [190000.]
 [369950.]
 [164000.]
 [400000.]
 [325000.]
 [210000.]
 [305000.]
 [326000.]]
Predicted value: 303445.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00983966  0.00443544  0.
  0.          0.0116321   0.01216718  0.0113507   0.          0.0136327
  0.          0.0134776  -0.01341826  0.01060877  0.00614279]
distances: [0.01121376 0.06772837 0.01487291 … 0.00850999 0.0118791
0.00721046]
sorted indices: [1853 4488  202 … 1107 5226 2486]
selected indices: [1853 4488  202  662 2541 3014  448 3931 4338  972]
selected outputs: [[330000.]
 [280000.]
 [315000.]
 [275000.]
 [280000.]
 [447000.]
 [360400.]
 [266750.]
 [272000.]
 [203000.]]
Predicted value: 302915.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00489001  0.00135028  0.
  0.          0.0116321   0.00869084  0.00564095  0.          0.01329837
  0.          0.01349239 -0.0134592   0.0116375   0.0029205 ]
distances: [0.00690031 0.06934444 0.00640747 … 0.01753848 0.02124438
0.01324388]
sorted indices: [ 905 1901 4887 … 1107 5226 2486]
selected indices: [ 905 1901 4887  541 4452 4791 4395 1739 4612  837]
```

```
selected outputs: [[122000.]
 [450000.]
 [250000.]
 [192500.]
 [361600.]
 [235000.]
 [285000.]
 [276000.]
 [390000.]
 [296000.]]
Predicted value: 285810.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01270211  0.00155317  0.
  0.          0.01550947  0.01216718  0.01465272  0.          0.01316873
  0.          0.01343003 -0.01345029  0.00687963  0.00196241]
distances: [0.01591529 0.06784784 0.02222003 … 0.010186   0.01167993
0.00918102]
sorted indices: [1637 3421 2177 … 1107 5226 2486]
selected indices: [1637 3421 2177  383 2828 4185 3311  770  335 4287]
selected outputs: [[279950.]
 [551000.]
 [400000.]
 [300000.]
 [774000.]
 [337000.]
 [270000.]
 [445000.]
 [410500.]
 [590000.]]
Predicted value: 435745.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00673868  0.00254261  0.
  0.          0.0116321   0.01216718  0.00777351  0.          0.01338025
  0.          0.01342949 -0.0134417   0.00893709  0.00348026]
distances: [0.00150202 0.06865597 0.01012228 … 0.01504763 0.01798074
0.01057617]
sorted indices: [2568 3613 1417 … 1107 5226 2486]
selected indices: [2568 3613 1417 2796 3644 3521 1195  409  562 1215]
selected outputs: [[365000.]
 [241450.]
 [422000.]
 [411500.]
 [522000.]
 [550000.]
 [190000.]
 [235000.]
 [467000.]
 [369950.]]
```

Predicted value: 377390.0

query set: [0.01345102 0.01163464 0.00602491 0.00566526 0.00256829 0.
  0.   0.0116321   0.01216718 0.00653525 0.   0.01342801
  0.   0.0134957 -0.0134482   0.0145951   0.00346404]
distances: [0.00648797 0.06901211 0.00544292 … 0.01520199 0.01781112
0.01217746]
sorted indices: [4055 2211 3528 … 1107 5226 2486]
selected indices: [4055 2211 3528 3260 1205 3265 3662 806 3382 4203]
selected outputs: [[345000.]
 [361000.]
 [330000.]
 [240000.]
 [310000.]
 [284000.]
 [354950.]
 [210000.]
 [315000.]
 [227000.]]
Predicted value: 297695.0

query set: [0.01345102 0.01163464 0.01204982 0.00846807 0.00363574 0.
  0.   0.0116321   0.01216718 0.00976848 0.   0.01350989
  0.   0.01344375 -0.01343301 0.01498087 0.00140914]
distances: [0.00925842 0.06801133 0.00997092 … 0.00874341 0.01191659
0.00713751]
sorted indices: [5087 534 2858 … 1107 5226 2486]
selected indices: [5087 534 2858 4872 2023 5190 4647 2180 3837 1691]
selected outputs: [[210000.]
 [272500.]
 [276000.]
 [289999.]
 [305000.]
 [270000.]
 [343500.]
 [510000.]
 [268000.]
 [400000.]]
Predicted value: 314499.9

query set: [0.01345102 0.00775643 0.00602491 0.00453221 0.00152364 0.
  0.   0.0116321   0.00869084 0.0052282   0.   0.01316873
  0.   0.01342904 -0.0134515   0.0087442   0.00316793]
distances: [0.00653025 0.06948152 0.00907478 … 0.01865884 0.0224404
0.01350619]
sorted indices: [837 776 4455 … 1107 5226 2486]
selected indices: [837 776 4455 860 1906 734 4395 4801 4347 1990]
selected outputs: [[296000.]

```
 [156000.]
 [115000.]
 [100000.]
 [165000.]
 [205000.]
 [285000.]
 [200000.]
 [305000.]
 [342000.]]
Predicted value: 216900.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01061491  0.00259558  0.
  0.         0.0116321   0.01216718  0.00832385  0.01458308  0.01348259
  0.         0.01350034 -0.01344963  0.01144462  0.00327948]
distances: [0.01598575 0.0672132  0.01826409 … 0.0175887  0.01961485
0.01605952]
sorted indices: [2572  174   88 … 1107 5226 2486]
selected indices: [2572  174   88 3642 3441 3999 2024 3615 4725 3266]
selected outputs: [[255000.]
 [240000.]
 [405000.]
 [412500.]
 [334500.]
 [485000.]
 [420000.]
 [429950.]
 [432100.]
 [442573.]]
Predicted value: 385662.3


query set: [ 0.01345102  0.01163464  0.01054359  0.01133052  0.0032826   0.
  0.         0.01550947  0.01390535  0.00839264  0.01739736  0.01339389
  0.         0.01342749 -0.01346724  0.01189469  0.00512305]
distances: [0.01950851 0.06757626 0.02133107 … 0.0203133  0.021852
0.01951268]
sorted indices: [ 700 3161  235 … 1107 5226 2486]
selected indices: [ 700 3161  235 3259 1516 2698 4830 1673 1832 4345]
selected outputs: [[615000.]
 [485000.]
 [324500.]
 [350000.]
 [275000.]
 [730000.]
 [329000.]
 [301000.]
 [508800.]
 [503000.]]
Predicted value: 442130.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.01580309  0.00356607  0.
  0.          0.0116321   0.01738169  0.01822991  0.          0.01355765
  0.          0.01347056 -0.01343356  0.01703833  0.00469917]
distances: [0.0195671   0.06801446 0.02203716 … 0.00734267 0.00359315
0.01448934]
sorted indices: [3538 3165 3585 … 1107 5226 2486]
selected indices: [3538 3165 3585 2179 4403 2135 3026  696 2682 2543]
selected outputs: [[695000.]
 [728000.]
 [740000.]
 [594950.]
 [379000.]
 [652500.]
 [372000.]
 [405000.]
 [715000.]
 [755000.]]
Predicted value: 603645.0


query set: [ 0.01345102  0.00775643  0.00602491  0.0041744   0.00266492  0.
  0.          0.0116321   0.01042901  0.00481545  0.          0.01332566
  0.          0.01351038 -0.0134635   0.00803695  0.00336831]
distances: [0.00627554 0.06955333 0.0094901  … 0.01892392 0.02262354
0.01349749]
sorted indices: [ 326 1002 1906 … 1107 5226 2486]
selected indices: [ 326 1002 1906 4801 2073 2732 2607 4644 4925  860]
selected outputs: [[277000.]
 [122000.]
 [165000.]
 [200000.]
 [212000.]
 [135000.]
 [235000.]
 [240000.]
 [129888.]
 [100000.]]
Predicted value: 181588.8


query set: [ 0.01345102  0.01163464  0.00602491  0.00918368  0.00786539  0.
  0.          0.0116321   0.01216718  0.01059398  0.          0.01329837
  0.          0.01349627 -0.01345986  0.00990152  0.00294078]
distances: [0.00703158 0.06835901 0.01210601 … 0.01372881 0.01624006
0.01210713]
sorted indices: [ 861 1069 3687 … 1107 5226 2486]
selected indices: [ 861 1069 3687 5016 1334 4099 4609  935 1529 1933]
selected outputs: [[199000.]
 [394900.]
```

```
 [500000.]
 [235000.]
 [375000.]
 [229900.]
 [375000.]
 [240000.]
 [340000.]
 [260000.]]
Predicted value: 314880.0


query set: [ 0.01345102  0.00775643  0.01204982  0.0098993   0.00144466  0.
  0.          0.0116321   0.01390535  0.01141949  0.          0.01366682
  0.          0.0134929  -0.01343136  0.01073737  0.00226339]
distances: [0.00884354 0.06776266 0.01280527 … 0.008364   0.01279487
0.00549781]
sorted indices: [1854  760 2688 … 1107 5226 2486]
selected indices: [1854  760 2688  649 3148 2397  279 1620 3122 3085]
selected outputs: [[554000.]
 [530000.]
 [269000.]
 [509000.]
 [468000.]
 [375000.]
 [554000.]
 [437000.]
 [490000.]
 [348500.]]
Predicted value: 453450.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01675724  0.00334937  0.
  0.          0.0116321   0.01390535  0.01933058  0.          0.01365317
  0.          0.01334587 -0.0134296   0.01697404  0.00374798]
distances: [0.01985963 0.06788782 0.022352    … 0.00702688 0.00378298
0.01485099]
sorted indices: [5259 2535 2274 … 1107 5226 2486]
selected indices: [5259 2535 2274 5313 1864 4544  566  847 3783 2179]
selected outputs: [[620000.]
 [563500.]
 [399900.]
 [430000.]
 [564000.]
 [515000.]
 [347000.]
 [418000.]
 [392000.]
 [594950.]]
Predicted value: 484435.0
```

```
query set: [ 0.01345102  0.01939106  0.02108718  0.02105091  0.07013745  0.
  0.          0.0116321   0.01216718  0.01637252  0.029422    0.01363953
  0.          0.01349898 -0.01341749  0.01356637  0.08575077]
distances: [0.1143475   0.12798672 0.11367654 … 0.11250007 0.11209454
0.11520655]
sorted indices: [ 948 4036 4653 … 1107 5226 2486]
selected indices: [ 948 4036 4653 1765 5215 2390  852  114 1259 1488]
selected outputs: [[ 598600.]
 [ 442500.]
 [ 608000.]
 [ 408506.]
 [1015000.]
 [1335000.]
 [ 449500.]
 [ 563500.]
 [ 559000.]
 [ 900000.]]
Predicted value: 687960.6


query set: [ 0.01345102  0.01163464  0.01506227  0.00960112  0.00055475  0.
  0.          0.0116321   0.01390535  0.01107553  0.          0.01364635
  0.          0.01348391 -0.01346295  0.00990152  0.00125338]
distances: [0.01021932 0.0677389  0.01536794 … 0.00779623 0.01138991
0.00099318]
sorted indices: [5351  163  794 … 1107 5226 2486]
selected indices: [5351  163  794 5316 5036 2689 5526 5518 5238 5426]
selected outputs: [[375000.]
 [290000.]
 [580000.]
 [378000.]
 [370000.]
 [570000.]
 [360000.]
 [385000.]
 [599950.]
 [299000.]]
Predicted value: 420695.0


query set: [ 0.01345102  0.01939106  0.02108718  0.02594093  0.0019962   0.
  0.03401577  0.0116321   0.01738169  0.02421482  0.02123501  0.01369411
  0.          0.01344488 -0.01342762  0.02096037  0.00242929]
distances: [0.05187759 0.07840308 0.05335482 … 0.04455246 0.04302816
0.04812957]
sorted indices: [2079 1891 2979 … 1107 5226 2486]
selected indices: [2079 1891 2979 1463 3351  740 4621 2994 5323  783]
selected outputs: [[1865000.]
 [2500000.]
 [2795000.]
```

```
  [1460000.]
  [2546000.]
  [1010000.]
  [1680000.]
  [1420000.]
  [ 735000.]
  [1125000.]]
Predicted value: 1713600.0

query set: [ 0.01345102  0.01163464  0.01355605  0.00864698  0.0004944   0.
  0.          0.0116321   0.01390535  0.00811747  0.00690777  0.01368047
  0.          0.01348133 -0.01346812  0.00932286  0.00062466]
distances: [0.01073257 0.06738254 0.01540302 … 0.01274598 0.01569876
0.00750291]
sorted indices: [5517 4567 3289 … 1107 5226 2486]
selected indices: [5517 4567 3289 5362 5278 5342 4392 5303 2007 5463]
selected outputs: [[490000.]
  [397500.]
  [388500.]
  [521500.]
  [451300.]
  [312000.]
  [379770.]
  [562500.]
  [443750.]
  [365000.]]
Predicted value: 431182.0

query set: [ 0.01345102  0.01163464  0.01204982  0.01532602  0.05132247  0.
  0.          0.01938684  0.01216718  0.01767957  0.          0.01342801
  0.          0.01344915 -0.01341606  0.01292342  0.01554437]
distances: [0.05386911 0.08460471 0.05356659 … 0.05207718 0.05213732
0.05469296]
sorted indices: [4879 4875  360 … 1107 5226 2486]
selected indices: [4879 4875  360  425 3724  349 1299   27 4008 4561]
selected outputs: [[425000.]
  [495000.]
  [330000.]
  [299000.]
  [760000.]
  [788500.]
  [730000.]
  [699950.]
  [650000.]
  [462500.]]
Predicted value: 563995.0

query set: [ 0.01345102  0.01163464  0.00903736  0.00918368  0.00432596  0.
```

```
  0.          0.01550947  0.01216718  0.01059398  0.          0.0134553
  0.          0.01342706 -0.01344479  0.00996582  0.0054658 ]
distances: [0.0072851   0.06804764 0.01241148 … 0.01167749 0.01455683
0.00968042]
sorted indices: [1416 3804 1247 … 1107 5226 2486]
selected indices: [1416 3804 1247 4086  774 2902 4768 2699 2769 1086]
selected outputs: [[357500.]
 [458000.]
 [572000.]
 [293000.]
 [219950.]
 [240000.]
 [383000.]
 [266200.]
 [232000.]
 [370000.]]
Predicted value: 339165.0


query set: [ 0.01345102  0.01939106  0.01355605  0.01550492  0.00308195  0.
  0.03401577  0.01550947  0.01390535  0.01245137  0.02021164  0.01343483
  0.          0.01338439 -0.01346812  0.01330919  0.00391834]
distances: [0.04262986 0.07597105 0.04441893 … 0.04077855 0.04045979 0.041448
]
sorted indices: [4976 2206 2663 … 1107 5226 2486]
selected indices: [4976 2206 2663 3798 1619 2396 2184 1067  642 4637]
selected outputs: [[480000.]
 [571000.]
 [415000.]
 [839000.]
 [690500.]
 [598000.]
 [564000.]
 [530000.]
 [560000.]
 [376000.]]
Predicted value: 562350.0


query set: [ 0.01345102  0.01163464  0.0165685   0.02325738  0.03580005  0.
  0.          0.0116321   0.01042901  0.02380207  0.01125711  0.01342119
  0.0670761   0.01345124 -0.01341958  0.01581672  0.08834515]
distances: [0.11773417 0.09255923 0.11724193 … 0.11558725 0.11535303
0.11834278]
sorted indices: [3409 4385 1058 … 1107 5226 2486]
selected indices: [3409 4385 1058 1787 1212 4365  724  439 3959 2664]
selected outputs: [[450000.]
 [545000.]
 [550000.]
 [310000.]
```

```
 [371000.]
 [300000.]
 [724950.]
 [510000.]
 [687000.]
 [774950.]]
Predicted value: 522290.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01031674  0.00096311  0.
  0.          0.0116321   0.01390535  0.01190103  0.          0.01361906
  0.          0.01347701 -0.01346537  0.01112314  0.00071958]
distances: [0.01092389 0.06764091 0.01540925 … 0.00628244 0.00997598
0.00231271]
sorted indices: [1750 5093  690 … 1107 5226 2486]
selected indices: [1750 5093  690 5430 5411 5316 5036 1913 1683 5077]
selected outputs: [[596000.]
 [545000.]
 [305000.]
 [671500.]
 [433190.]
 [378000.]
 [370000.]
 [535000.]
 [472500.]
 [379900.]]
Predicted value: 468609.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00685795  0.00144466  0.
  0.          0.0116321   0.01216718  0.00791109  0.          0.01308003
  0.06650823  0.01348982 -0.01346625  0.00790836  0.00219038]
distances: [0.06678649 0.01543835 0.06771815 … 0.0677097  0.0684445
0.06674717]
sorted indices: [4402 4797 4355 … 1107 5226 2486]
selected indices: [4402 4797 4355 4315 2296 2925 3969 4566 3770  443]
selected outputs: [[485000.]
 [536000.]
 [297950.]
 [465000.]
 [510000.]
 [475000.]
 [267000.]
 [291750.]
 [215500.]
 [219900.]]
Predicted value: 376310.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00679831  0.00325916  0.
  0.          0.0116321   0.01042901  0.0052282   0.00972205  0.01325061
```

```
      0.          0.01350068 -0.01346328  0.00861561  0.00411344]
distances: [0.01124296 0.06835322 0.01337293 … 0.0199489  0.0232425
0.01609761]
sorted indices: [3984 3474  355 … 1107 5226 2486]
selected indices: [3984 3474  355 3667 2349 2237 4270 3459 3460 3834]
selected outputs: [[326000.]
 [386500.]
 [345000.]
 [445434.]
 [190000.]
 [510000.]
 [150000.]
 [180000.]
 [310000.]
 [194000.]]
Predicted value: 303693.4


query set: [ 0.01345102  0.01551285  0.01506227  0.0142526   0.00196185  0.
  0.          0.0116321   0.01390535  0.01644131  0.          0.01362588
  0.          0.01339626 -0.01344699  0.01620249  0.00263656]
distances: [0.01669954 0.06768146 0.0193717  … 0.00435364 0.00211551
0.01111441]
sorted indices: [2045   23 4774 … 1107 5226 2486]
selected indices: [2045   23 4774 3590 5433 5019  525 5237 5374 4466]
selected outputs: [[425000.]
 [360000.]
 [388000.]
 [412950.]
 [400000.]
 [669000.]
 [352000.]
 [399000.]
 [365000.]
 [490000.]]
Predicted value: 426095.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00667904  0.00240777  0.
  0.03401577  0.01550947  0.01216718  0.00770472  0.          0.01344848
  0.          0.01346734 -0.01343851  0.01954586  0.00687129]
distances: [0.03644522 0.0773853  0.03468711 … 0.03777681 0.03898183
0.03772877]
sorted indices: [2326 2265 3304 … 1107 5226 2486]
selected indices: [2326 2265 3304 1139 1743 2518 2318 4140 2527 4131]
selected outputs: [[436000.]
 [370000.]
 [580000.]
 [530000.]
 [763000.]
```

```
 [503000.]
 [255000.]
 [500000.]
 [735000.]
 [672500.]]
Predicted value: 534450.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01550492  0.00211884  0.
  0.06803154  0.0116321   0.01738169  0.01327688  0.01714151  0.01344165
  0.06727653  0.01346352 -0.01345931  0.01716693  0.00254327]
distances: [0.09840409 0.06891217 0.09865392 … 0.09739398 0.09743283
0.09786883]
sorted indices: [1146 3294 3000 … 1107 5226 2486]
selected indices: [1146 3294 3000 4398  999  998 4594 4603 2974  544]
selected outputs: [[1260000.]
 [ 787500.]
 [1400000.]
 [1205000.]
 [ 550000.]
 [ 550000.]
 [ 550000.]
 [1250000.]
 [ 850000.]
 [ 688000.]]
Predicted value: 909050.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00733502  0.00250055  0.
  0.          0.0116321   0.01216718  0.00846143  0.          0.01360541
  0.          0.01339742 -0.01343598  0.00945145  0.00351677]
distances: [0.00626501 0.06810519 0.01171501 … 0.01140849 0.01487287
0.00572106]
sorted indices: [3149 4848 1323 … 1107 5226 2486]
selected indices: [3149 4848 1323 3037 2149 2559  499 1041 1994  145]
selected outputs: [[290000.]
 [200000.]
 [250000.]
 [249900.]
 [200000.]
 [252000.]
 [339950.]
 [245000.]
 [231200.]
 [249000.]]
Predicted value: 250705.0


query set: [ 0.01345102  0.01163464  0.0165685   0.00775246  0.00455775  0.
  0.          0.0116321   0.01216718  0.00591612  0.01125711  0.01361906
  0.          0.01339556 -0.01344809  0.00996582  0.00308113]
```

```
distances: [0.0159155  0.06766046 0.01802667 … 0.01700873 0.0196382
0.01337394]
sorted indices: [1429 4975 2057 … 1107 5226 2486]
selected indices: [1429 4975 2057 3010 1183 2702 1795 3879  991 1655]
selected outputs: [[210000.]
 [269950.]
 [450000.]
 [245000.]
 [465000.]
 [278000.]
 [295000.]
 [330490.]
 [425000.]
 [219950.]]
Predicted value: 318839.0

query set: [ 0.01345102  0.01551285  0.0165685   0.01628017  0.00220103  0.
  0.          0.0116321   0.01390535  0.01878025  0.          0.01366682
  0.          0.01351114 -0.013446    0.01620249  0.00225893]
distances: [0.01965165 0.06782541 0.02248894 … 0.00613359 0.00301027
0.01353789]
sorted indices: [4418 5408 4544 … 1107 5226 2486]
selected indices: [4418 5408 4544 5044 5283  881 2274 5225 5409 4166]
selected outputs: [[725000.]
 [734990.]
 [515000.]
 [505657.]
 [502000.]
 [454200.]
 [399900.]
 [731500.]
 [525000.]
 [570000.]]
Predicted value: 566324.7

query set: [ 0.01345102  0.01163464  0.01054359  0.01222503  0.00307553  0.
  0.          0.0116321   0.01390535  0.0096309   0.01662983  0.01353718
  0.          0.01346796 -0.01343213  0.01118743  0.00484803]
distances: [0.01854669 0.06721461 0.02105887 … 0.01882001 0.02036004
0.01829043]
sorted indices: [2394 2258  154 … 1107 5226 2486]
selected indices: [2394 2258  154  585  849 4246 2420  174 1749  882]
selected outputs: [[340000.]
 [287000.]
 [638700.]
 [288350.]
 [415000.]
 [423500.]
```

```
 [385000.]
 [240000.]
 [355000.]
 [338500.]]
Predicted value: 371105.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00447257  0.00144466  0.
  0.          0.0116321   0.01042901  0.00515941  0.          0.01327108
  0.          0.01346394 -0.01346064  0.00990152  0.0016225 ]
distances: [0.00596914 0.06942594 0.00796458 … 0.01797475 0.02166883
0.01271273]
sorted indices: [1651 1739 4813 … 1107 5226 2486]
selected indices: [1651 1739 4813 4452  734 1990  905  860 4395  837]
selected outputs: [[405000.]
 [276000.]
 [405000.]
 [361600.]
 [205000.]
 [342000.]
 [122000.]
 [100000.]
 [285000.]
 [296000.]]
Predicted value: 279760.0

query set: [ 0.01345102  0.01551285  0.01204982  0.01359662  0.01279266  0.
  0.          0.01550947  0.01390535  0.0156846   0.          0.01358494
  0.          0.01343376 -0.01347913  0.01221616  0.01560521]
distances: [0.02192017 0.06953339 0.02417646 … 0.01850785 0.01841145 0.0216965
]
sorted indices: [3338 1968  610 … 1107 5226 2486]
selected indices: [3338 1968  610 3370 2217 3580  671 1193 3745 4823]
selected outputs: [[635000.]
 [615000.]
 [575000.]
 [570000.]
 [380000.]
 [602500.]
 [399950.]
 [565000.]
 [299000.]
 [316000.]]
Predicted value: 495745.0

query set: [ 0.01345102  0.01551285  0.01355605  0.01550492  0.00918164  0.
  0.          0.0116321   0.01390535  0.01245137  0.02021164  0.01342801
  0.          0.01351165 -0.01344325  0.01658826  0.0109316 ]
distances: [0.02768192 0.06847086 0.02833685 … 0.02393001 0.02372183
```

```
0.02646054]
sorted indices: [2043 2445  470 … 1107 5226 2486]
selected indices: [2043 2445  470  576  743  390 1731 4569  241 3731]
selected outputs: [[368500.]
 [645000.]
 [700000.]
 [510000.]
 [580000.]
 [610000.]
 [607500.]
 [550000.]
 [450000.]
 [470000.]]
Predicted value: 549100.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01103235  0.00296894  0.
  0.          0.0116321   0.01390535  0.01272654  0.          0.01362588
  0.          0.01350014 -0.0134548   0.01337348  0.0035334 ]
distances: [0.01274922 0.06766591 0.01636613 … 0.00583451 0.00710706
0.00716691]
sorted indices: [3141 4127 3178 … 1107 5226 2486]
selected indices: [3141 4127 3178 1766 3432 2308 4139 1468 1350 2498]
selected outputs: [[325000.]
 [270000.]
 [348450.]
 [316000.]
 [420000.]
 [450000.]
 [545000.]
 [550000.]
 [349000.]
 [374950.]]
Predicted value: 394840.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01222503  0.00126264  0.
  0.          0.0116321   0.01390535  0.00811747  0.02225838  0.01314143
  0.06684227  0.01347429 -0.0134613   0.01247335  0.0016225 ]
distances: [0.07102983 0.0145572  0.07158654 … 0.07096397 0.07140507
0.07068885]
sorted indices: [1287  663 3826 … 1107 5226 2486]
selected indices: [1287  663 3826 3245 4974 1118 1397  408 4854  996]
selected outputs: [[731100.]
 [385000.]
 [645000.]
 [538000.]
 [872500.]
 [468000.]
 [530000.]
```

```
 [776500.]
 [571500.]
 [515000.]]
Predicted value: 603260.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01162869  0.00314616  0.
  0.          0.0116321   0.01390535  0.00914935  0.0158623   0.01342801
  0.          0.01348063 -0.01344754  0.01395215  0.00397513]
distances: [0.01953559 0.06731367 0.02140091 … 0.01787314 0.01855946
0.01769617]
sorted indices: [2987 2442 2619 … 1107 5226 2486]
selected indices: [2987 2442 2619 4399 1825 1123  738 2772 3923 4285]
selected outputs: [[629000.]
 [367500.]
 [562000.]
 [518000.]
 [300000.]
 [564500.]
 [500000.]
 [435000.]
 [383000.]
 [546800.]]
Predicted value: 480580.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0163398   0.00254357  0.
  0.          0.0116321   0.01564352  0.01884904  0.          0.0136327
  0.          0.01341527 -0.0134395   0.01761699  0.00357559]
distances: [0.01946183 0.06785862 0.02112668 … 0.00571116 0.00476656
0.01408716]
sorted indices: [3994 3371 3927 … 1107 5226 2486]
selected indices: [3994 3371 3927 4495 3716 2579 2475 5308 1404 4363]
selected outputs: [[546200.]
 [685000.]
 [751000.]
 [746000.]
 [609000.]
 [678000.]
 [657500.]
 [739000.]
 [735000.]
 [399950.]]
Predicted value: 654665.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00548636  0.01398434  0.
  0.          0.01550947  0.00869084  0.00632887  0.          0.01312097
  0.          0.01344061 -0.01342035  0.00983723  0.0048168 ]
distances: [0.01427586 0.07026882 0.01403356 … 0.02163697 0.02468108
0.01932222]
```

```
sorted indices: [ 612   300 4060 … 1107 5226 2486]
selected indices: [ 612   300 4060 4334 2027 1293 4486 3855 1806 5024]
selected outputs: [[175000.]
 [195000.]
 [129000.]
 [190000.]
 [120000.]
 [803000.]
 [292500.]
 [157500.]
 [255000.]
 [450000.]]
Predicted value: 276700.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0121654   0.00250408  0.
  0.          0.0116321   0.01216718  0.01403359  0.          0.01366682
  0.          0.01342604 -0.0134602   0.01195898  0.00444322]
distances: [0.01320635 0.06752287 0.01764164 … 0.0058664  0.00731582
0.00796175]
sorted indices: [1900 3800 3325 … 1107 5226 2486]
selected indices: [1900 3800 3325 2829 4249 2658  685  467 2681 3874]
selected outputs: [[255000.]
 [220000.]
 [260000.]
 [339500.]
 [415000.]
 [375000.]
 [369990.]
 [279000.]
 [400000.]
 [295000.]]
Predicted value: 320849.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00888551  0.00231146  0.
  0.          0.0116321   0.01216718  0.01025002  0.          0.01333248
  0.          0.01349805 -0.01346174  0.00822984  0.0029205 ]
distances: [0.00295988 0.06822855 0.01215326 … 0.01328145 0.0161505
0.00983246]
sorted indices: [ 247 2169 3563 … 1107 5226 2486]
selected indices: [ 247 2169 3563 4526 2888 1529 3252 5034  676 3297]
selected outputs: [[147500.]
 [315000.]
 [307000.]
 [399000.]
 [273000.]
 [340000.]
 [599950.]
 [155000.]
```

```
 [250000.]
 [180000.]]
Predicted value: 296645.0


query set: [ 0.01345102  0.01939106  0.01054359  0.00751392  0.00144466  0.
  0.          0.0116321   0.01216718  0.00866781  0.          0.01314143
  0.          0.01347474 -0.01346856  0.00906568  0.00177988]
distances: [0.00904172 0.0685807  0.01596839 … 0.01412146 0.01520228
0.00964853]
sorted indices: [1124 4754  981 … 1107 5226 2486]
selected indices: [1124 4754  981 2972 3098 5058 1581 1487 2550  995]
selected outputs: [[425000.]
 [483000.]
 [210000.]
 [575000.]
 [367400.]
 [304500.]
 [375000.]
 [254000.]
 [418000.]
 [239000.]]
Predicted value: 365090.0


query set: [ 0.01345102  0.01551285  0.01204982  0.010436    0.00167003  0.
  0.01700788  0.01550947  0.01042901  0.00736076  0.01739736  0.01325061
  0.          0.01345283 -0.01346284  0.01343778  0.00219038]
distances: [0.02639604 0.06991668 0.02760068 … 0.02687893 0.02778197
0.02592834]
sorted indices: [2388 4177 4028 … 1107 5226 2486]
selected indices: [2388 4177 4028  358 2476 3147  751 1089 2422  415]
selected outputs: [[323000.]
 [735000.]
 [710000.]
 [815000.]
 [514000.]
 [305000.]
 [650000.]
 [659950.]
 [355000.]
 [800000.]]
Predicted value: 586695.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01150942  0.00428584  0.
  0.          0.0116321   0.01390535  0.01327688  0.          0.01342119
  0.          0.01338608 -0.01346812  0.0145951   0.0054151 ]
distances: [0.01103144 0.06768016 0.01316325 … 0.00677574 0.00918632
0.00973999]
sorted indices: [3033 1567  381 … 1107 5226 2486]
```

```
selected indices: [3033 1567  381 1057 2692 4482  122  892 3846 4510]
selected outputs: [[205000.]
 [560000.]
 [521000.]
 [271500.]
 [440000.]
 [406500.]
 [400000.]
 [557500.]
 [169000.]
 [605000.]]
Predicted value: 413550.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00930295  0.00167677  0.
  0.          0.01550947  0.01216718  0.00557216  0.01918826  0.01323696
  0.          0.01349519 -0.01345964  0.00925857  0.00344416]
distances: [0.02042131 0.06822443 0.02267352 … 0.02356685 0.02552382
0.02101263]
sorted indices: [4620 1629 3226 … 1107 5226 2486]
selected indices: [4620 1629 3226 1114  976 4388  376 1202 1160 3862]
selected outputs: [[505400.]
 [565000.]
 [455000.]
 [263500.]
 [432000.]
 [423000.]
 [652000.]
 [219000.]
 [345000.]
 [467500.]]
Predicted value: 432740.0

query set: [ 0.01345102  0.03490391  0.02711209  0.02176652  0.00160518  0.
  0.          0.0116321   0.01390535  0.0174044   0.02865447  0.01306638
  0.06714291  0.01347904 -0.01345975  0.0161382   0.00202813]
distances: [0.08172141 0.03383943 0.08348956 … 0.07803649 0.07680911
0.07916264]
sorted indices: [3618 2229 4933 … 1107 5226 2486]
selected indices: [3618 2229 4933 3827 4132 1251 1017  339 4746 4428]
selected outputs: [[ 740000.]
 [ 520000.]
 [1518634.]
 [ 925000.]
 [1307000.]
 [ 620000.]
 [ 825050.]
 [ 614000.]
 [ 476000.]
```

```
 [1425000.]]
Predicted value: 897068.4


query set: [ 0.01345102  0.01551285  0.01506227  0.01249339  0.00146681  0.
  0.          0.0116321   0.01564352  0.01441195  0.          0.01366
  0.          0.01347902 -0.01343752  0.01346993  0.00177867]
distances: [0.01422135 0.06763977 0.01833518 … 0.0047183  0.00480687 0.0077653
]
sorted indices: [3772 5031 4993 … 1107 5226 2486]
selected indices: [3772 5031 4993 5061 2481  645 2608 2558 5318 5188]
selected outputs: [[305950.]
 [493000.]
 [578000.]
 [349900.]
 [601000.]
 [545000.]
 [295000.]
 [689000.]
 [383000.]
 [540000.]]
Predicted value: 477985.0


query set: [ 0.01345102  0.00387821  0.00602491  0.00512855  0.00154097  0.
  0.          0.0116321   0.01042901  0.00591612  0.          0.01301179
  0.          0.01346609 -0.01346086  0.00887279  0.001947  ]
distances: [0.00848755 0.06956421 0.00972168 … 0.01876384 0.02296278
0.01398975]
sorted indices: [3241 3188 4585 … 1107 5226 2486]
selected indices: [3241 3188 4585  966 2509 1028 2430 2448 2218  513]
selected outputs: [[395000.]
 [299000.]
 [351000.]
 [395000.]
 [124000.]
 [135000.]
 [411000.]
 [264000.]
 [382888.]
 [200000.]]
Predicted value: 295688.8


query set: [ 0.01345102  0.00387821  0.00602491  0.00429367  0.00160518  0.
  0.          0.01550947  0.01042901  0.00495303  0.          0.01301862
  0.          0.01344185 -0.01345788  0.00752259  0.00202813]
distances: [0.00985732 0.06997964 0.01156508 … 0.02046091 0.02457557
0.01525514]
sorted indices: [1410 3426 2239 … 1107 5226 2486]
selected indices: [1410 3426 2239 1008 1831 4251 4794 3241 1514  857]
```

```
selected outputs: [[142500.]
 [390000.]
 [306950.]
 [202000.]
 [175000.]
 [422000.]
 [419000.]
 [395000.]
 [295000.]
 [289950.]]
Predicted value: 303740.0


query set: [ 0.01345102  0.00775643  0.01355605  0.00870661  0.00051591  0.
  0.          0.0116321   0.01390535  0.01004365  0.          0.01369411
  0.          0.01344485 -0.01346856  0.00938716  0.00074067]
distances: [0.00927847 0.06800717 0.01370445 … 0.0101448  0.01448939
0.00423793]
sorted indices: [3365 3085 2123 … 1107 5226 2486]
selected indices: [3365 3085 2123 5246 2706 5042 5476 5338 2397 5148]
selected outputs: [[335000.]
 [348500.]
 [320000.]
 [459000.]
 [489000.]
 [562000.]
 [485000.]
 [640000.]
 [375000.]
 [548000.]]
Predicted value: 456150.0


query set: [ 0.01345102  0.01163464  0.00602491  0.0060827   0.00192622  0.
  0.          0.0116321   0.01216718  0.00701679  0.          0.01296403
  0.          0.01344086 -0.01346295  0.00797265  0.00243375]
distances: [0.00164589 0.06886154 0.01077936 … 0.01608079 0.01906905
0.01077255]
sorted indices: [1378  664  409 … 1107 5226 2486]
selected indices: [1378  664  409 3493 3152 1215 1052 1964 4622 3797]
selected outputs: [[450000.]
 [406000.]
 [235000.]
 [340000.]
 [164000.]
 [369950.]
 [410000.]
 [250000.]
 [217450.]
 [335000.]]
```

```
Predicted value: 317740.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01258284  0.00313749  0.
  0.          0.0116321   0.01564352  0.01451513  0.          0.01355083
  0.          0.01345144 -0.0134406   0.01645967  0.0047811 ]
distances: [0.01532874 0.06771236 0.01661974 … 0.00406428 0.00599935
0.00999328]
sorted indices: [1873 3611 4073 … 1107 5226 2486]
selected indices: [1873 3611 4073 1607 4137  706  387 2359 4671 1687]
selected outputs: [[665000.]
 [756000.]
 [389950.]
 [490000.]
 [445000.]
 [325900.]
 [432900.]
 [470000.]
 [330000.]
 [470000.]]
Predicted value: 477475.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00757356  0.00256829  0.
  0.          0.01550947  0.01216718  0.0087366   0.          0.01335295
  0.          0.0134584  -0.01344291  0.00945145  0.003245  ]
distances: [0.00422878 0.06855905 0.0109019  … 0.0145136   0.01732388 0.0108353
]
sorted indices: [2552 3177 1474 … 1107 5226 2486]
selected indices: [2552 3177 1474 1898 2409 2886 4179 4141 3298 2740]
selected outputs: [[385000.]
 [445000.]
 [350000.]
 [239000.]
 [201500.]
 [345000.]
 [380500.]
 [299000.]
 [295000.]
 [443000.]]
Predicted value: 338300.0

query set: [ 0.01345102  0.01163464  0.01355605  0.00888551  0.00308195  0.
  0.          0.01550947  0.01216718  0.00804868  0.00818699  0.01355765
  0.          0.01350093 -0.01342541  0.010223    0.00409844]
distances: [0.01223559 0.06733067 0.01537768 … 0.0137923   0.01659162 0.0106424
]
sorted indices: [2733 1914 4034 … 1107 5226 2486]
selected indices: [2733 1914 4034 1695 4635 1869 3582  483 4558 1676]
selected outputs: [[265000.]
```

```
 [258900.]
 [265000.]
 [265000.]
 [475000.]
 [203000.]
 [294000.]
 [475000.]
 [440000.]
 [536000.]]
Predicted value: 347690.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00554599  0.00221515  0.
  0.03401577  0.0116321   0.01216718  0.00639767  0.          0.01331884
  0.          0.01343538 -0.01345458  0.01228046  0.00291807]
distances: [0.0345149  0.0769894  0.03450324 … 0.0375721  0.03919699
0.03607657]
sorted indices: [3812   422 4557 … 1107 5226 2486]
selected indices: [3812   422 4557 4438 1139 2518   532 3304 1800 2265]
selected outputs: [[397000.]
 [169317.]
 [306000.]
 [407500.]
 [530000.]
 [503000.]
 [320000.]
 [580000.]
 [750000.]
 [370000.]]
Predicted value: 433281.7


query set: [ 0.01345102   0.00775643   0.00602491  0.0062616    0.00288933  0.
  0.          0.01550947   0.01216718  0.00722317  0.          0.01353718
  0.          0.01337392  -0.01346086  0.00996582  0.003894  ]
distances: [0.00608812 0.06897985 0.0090428   … 0.01622625 0.01974903 0.0122914
]
sorted indices: [4751   138 1989 … 1107 5226 2486]
selected indices: [4751   138 1989 1837 4604 2469 2310 4101   373 3050]
selected outputs: [[560000.]
 [300000.]
 [335000.]
 [555500.]
 [244000.]
 [372500.]
 [226800.]
 [365000.]
 [302000.]
 [239900.]]
Predicted value: 350070.0
```

```
query set: [ 0.01345102  0.01163464  0.00903736  0.0059038   0.00144466  0.
  0.          0.01938684  0.01216718  0.00681042  0.          0.01329154
  0.          0.0134634  -0.01346075  0.00958004  0.0016225 ]
distances: [0.00858606 0.06905004 0.01263609 … 0.01616029 0.01904105
0.01122751]
sorted indices: [1625 2583 3686 … 1107 5226 2486]
selected indices: [1625 2583 3686 1477 1208  256 4341 4342 1004  604]
selected outputs: [[350000.]
 [670000.]
 [430000.]
 [258000.]
 [310000.]
 [530000.]
 [132825.]
 [219950.]
 [635000.]
 [234000.]]
Predicted value: 376977.5


query set: [ 0.01345102  0.01551285  0.01506227  0.02439043  0.06908252  0.
  0.          0.01550947  0.01390535  0.0252467   0.01074543  0.01350306
  0.          0.0133761  -0.01344071  0.01562383  0.0576008 ]
distances: [0.09196792 0.10998804 0.09148194 … 0.08912145 0.08851842
0.09273046]
sorted indices: [  74 1526 1452 … 1107 5226 2486]
selected indices: [  74 1526 1452 4483  583 2664 1290 3959 1908 4807]
selected outputs: [[ 800000.]
 [ 352500.]
 [ 400000.]
 [1650000.]
 [ 560000.]
 [ 774950.]
 [ 643000.]
 [ 687000.]
 [ 520000.]
 [ 760000.]]
Predicted value: 714745.0


query set: [ 0.01345102  0.01551285  0.00903736  0.00811027  0.00299302  0.
  0.          0.01550947  0.01216718  0.00935573  0.          0.01342801
  0.          0.01338187 -0.01347208  0.00758688  0.00389846]
distances: [0.00684662 0.06836335 0.0146526  … 0.01382634 0.01589092
0.00972942]
sorted indices: [1499 1847  479 … 1107 5226 2486]
selected indices: [1499 1847  479 2347  597  276  887 4679 1573 4125]
selected outputs: [[230000.]
 [435000.]
```

```
 [520000.]
 [304000.]
 [230000.]
 [315000.]
 [355000.]
 [430000.]
 [287000.]
 [276693.]]
Predicted value: 338269.3


query set: [ 0.01345102  0.01551285  0.01506227  0.02075274  0.01901883  0.
  0.          0.0116321   0.01911985  0.02393965  0.          0.01356447
  0.          0.0135013  -0.01343917  0.01883861  0.01598163]
distances: [0.03422732 0.07219883 0.03520716 … 0.0257952  0.02388838
0.03197986]
sorted indices: [1171 2715  414 … 1107 5226 2486]
selected indices: [1171 2715  414 1681 1104 4416 5329 3435  308 2317]
selected outputs: [[ 898000.]
 [ 883000.]
 [ 650000.]
 [1035000.]
 [ 864000.]
 [ 905000.]
 [ 925000.]
 [ 896000.]
 [ 699000.]
 [ 685000.]]
Predicted value: 844000.0


query set: [ 0.01345102  0.01939106  0.01355605  0.01085344  0.00337088  0.
  0.          0.01550947  0.01216718  0.00742955  0.01893242  0.01350306
  0.          0.01340704 -0.01344743  0.0117018   0.00304219]
distances: [0.02275808 0.0682076   0.02541653 … 0.02290401 0.02326283
0.02167889]
sorted indices: [1662 1740 1586 … 1107 5226 2486]
selected indices: [1662 1740 1586 1646 2516  919 1307 2657 2352  573]
selected outputs: [[330000.]
 [509500.]
 [480000.]
 [417500.]
 [450000.]
 [337500.]
 [377691.]
 [449500.]
 [279950.]
 [529219.]]
Predicted value: 416086.0
```

```
query set: [ 0.01345102  0.00775643  0.00903736  0.00966076  0.00046358  0.
  0.          0.0116321   0.01564352  0.00742955  0.01381555  0.01369411
  0.          0.01345891 -0.01346196  0.01067307  0.00066604]
distances: [0.01559659 0.06768755 0.01784401 … 0.0186315  0.02121705 0.0159942
]
sorted indices: [5358 3659 5285 … 1107 5226 2486]
selected indices: [5358 3659 5285 2302 3707 2815 3629  607 3367 3194]
selected outputs: [[399900.]
 [700180.]
 [625000.]
 [435000.]
 [557000.]
 [469000.]
 [346500.]
 [575000.]
 [667000.]
 [469775.]]
Predicted value: 524435.5


query set: [ 0.01345102  0.01551285  0.01054359  0.01455077  0.00239975  0.
  0.          0.01550947  0.01564352  0.01403359  0.01023374  0.01343483
  0.          0.01347155 -0.01343851  0.0131163   0.0034397 ]
distances: [0.01675395 0.06694163 0.02056468 … 0.01287042 0.01273356
0.01493228]
sorted indices: [2163  759 4306 … 1107 5226 2486]
selected indices: [2163  759 4306 2747 4803 1216 3607 5003   36 3057]
selected outputs: [[355000.]
 [896000.]
 [615000.]
 [445500.]
 [855000.]
 [274000.]
 [385000.]
 [719521.]
 [445000.]
 [785000.]]
Predicted value: 577502.1


query set: [ 0.01345102  0.01163464  0.01355605  0.00960112  0.00382675  0.
  0.          0.01550947  0.01216718  0.00763592  0.01279217  0.01342801
  0.          0.01339643 -0.01345865  0.01086596  0.0048022 ]
distances: [0.01605075 0.06735022 0.0181843  … 0.01695405 0.01921795
0.01494117]
sorted indices: [1840 4226 1421 … 1107 5226 2486]
selected indices: [1840 4226 1421 2933 3121 3207 3582 4242 1832 1311]
selected outputs: [[550000.]
 [225000.]
 [362000.]
```

```
 [580000.]
 [197400.]
 [520000.]
 [294000.]
 [324950.]
 [508800.]
 [279950.]]
Predicted value: 384210.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00703685  0.00157308  0.
  0.          0.01938684  0.01042901  0.00811747  0.          0.01333248
  0.          0.01344276 -0.01343114  0.01060877  0.00288846]
distances: [0.00908763 0.06912859 0.01114671 … 0.01684561 0.020243
0.01365556]
sorted indices: [3617  940 4541 … 1107 5226 2486]
selected indices: [3617  940 4541 1138 1803 1507  668 2654  196 4433]
selected outputs: [[140000.]
 [460000.]
 [184900.]
 [315000.]
 [445000.]
 [204995.]
 [205500.]
 [447000.]
 [565000.]
 [416000.]]
Predicted value: 338339.5


query set: [ 0.01345102  0.01939106  0.02108718  0.01252321  0.00163953  0.
  0.          0.0116321   0.01216718  0.00969969  0.0176532   0.01363953
  0.          0.01343673 -0.01345623  0.00906568  0.00229178]
distances: [0.02513158 0.06808036 0.02887486 … 0.02185735 0.02215164
0.02069801]
sorted indices: [4088 4513  503 … 1107 5226 2486]
selected indices: [4088 4513  503 4706 5241  557 3602 3587 2881 3651]
selected outputs: [[465000.]
 [559900.]
 [333800.]
 [420000.]
 [382000.]
 [345000.]
 [228950.]
 [750000.]
 [311000.]
 [550000.]]
Predicted value: 434565.0


query set: [ 0.01345102  0.01551285  0.01506227  0.02158762  0.00513658  0.
```

```
   0.          0.0116321   0.01564352  0.02490274  0.          0.01348259
   0.          0.01339723 -0.01343455  0.01665256  0.00649    ]
distances: [0.02637329 0.06891375 0.029277   … 0.01421361 0.01127831
0.02199912]
sorted indices: [4822 5273  465 … 1107 5226 2486]
selected indices: [4822 5273  465 1965 2864 3553 1585 4135 2560 5364]
selected outputs: [[1410000.]
 [ 982000.]
 [ 920000.]
 [ 725000.]
 [ 746500.]
 [ 762300.]
 [ 846450.]
 [ 870000.]
 [ 465000.]
 [ 757500.]]
Predicted value: 848475.0


query set: [ 0.01345102  0.01163464  0.00903736  0.0083488   0.00348421  0.
  0.          0.01550947  0.01216718  0.0096309   0.          0.01340072
  0.          0.01341764 -0.0134493   0.01041589  0.00440063]
distances: [0.00621313 0.06814339 0.01124692 … 0.01191021 0.01490869
0.00896016]
sorted indices: [1086 2699 2769 … 1107 5226 2486]
selected indices: [1086 2699 2769 4128 1416  416 2194 4724 3444 3804]
selected outputs: [[370000.]
 [266200.]
 [232000.]
 [264950.]
 [357500.]
 [249950.]
 [244900.]
 [550000.]
 [217500.]
 [458000.]]
Predicted value: 321100.0


query set: [ 0.01345102  0.01551285  0.01506227  0.02945935  0.00322224  0.
  0.06803154  0.0116321   0.01564352  0.02373328  0.03812068  0.01332566
  0.          0.01343637 -0.01345513  0.01562383  0.00376096]
distances: [0.08360715 0.10079624 0.08492664 … 0.08015161 0.07959008
0.08209288]
sorted indices: [ 659 1106 2646 … 1107 5226 2486]
selected indices: [ 659 1106 2646 2945 4870 2241 2984 3937 4693 1181]
selected outputs: [[1619999.]
 [1250000.]
 [1228000.]
 [3200000.]
```

```
[ 879950.]
[1370000.]
[ 968000.]
[1100005.]
[1500000.]
[1345000.]]
Predicted value: 1446095.4


query set: [ 0.01345102  0.01551285  0.0165685   0.01860591  0.00643068  0.
  0.03401577  0.01550947  0.01564352  0.01362084  0.02916616  0.01333248
  0.06670865  0.01344468 -0.01345458  0.02141043  0.00761642]
distances: [0.08359793 0.04156569 0.08355647 … 0.08135748 0.08109232
0.08253844]
sorted indices: [4667 3054 1196 … 1107 5226 2486]
selected indices: [4667 3054 1196 1643 1793  778  372 1631 1982 1273]
selected outputs: [[ 968060.]
 [1210000.]
 [1490000.]
 [1289000.]
 [ 765000.]
 [ 950000.]
 [1355000.]
 [ 775000.]
 [ 712500.]
 [ 519000.]]
Predicted value: 1003356.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00447257  0.00224725  0.
  0.          0.0116321   0.01042901  0.00515941  0.          0.01318237
  0.          0.0134522  -0.01341584  0.00707252  0.00356017]
distances: [0.00613121 0.06950327 0.01046611 … 0.01894389 0.02266534
0.01339374]
sorted indices: [2073  326 2252 … 1107 5226 2486]
selected indices: [2073  326 2252 1002 2084 2732 1622 4925 1502 2607]
selected outputs: [[212000.]
 [277000.]
 [264950.]
 [122000.]
 [180000.]
 [135000.]
 [170000.]
 [129888.]
 [170000.]
 [235000.]]
Predicted value: 189583.8


query set: [ 0.01345102  0.01939106  0.02259341  0.02087201  0.03258326  0.
  0.          0.0116321   0.01390535  0.02407724  0.          0.01342119
```

```
    0.06647482  0.01348303 -0.01343389  0.02089607  0.01567173]
distances: [0.08049425 0.03922146 0.08054093 … 0.07634199 0.07556335
0.07902385]
sorted indices: [3539 3498  891 … 1107 5226 2486]
selected indices: [3539 3498  891  288 2304 2441 4278 1109 3934  412]
selected outputs: [[ 810000.]
 [ 531500.]
 [1008000.]
 [ 675000.]
 [ 667000.]
 [ 808000.]
 [2500000.]
 [ 620000.]
 [ 365000.]
 [ 900000.]]
Predicted value: 888450.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01550492  0.00163729  0.
  0.          0.0116321   0.01390535  0.01252016  0.01995579  0.01366682
  0.          0.01348877 -0.01347142  0.01285912  0.0027258 ]
distances: [0.02743349 0.06784675 0.02988398 … 0.02159233 0.02173305
0.02257197]
sorted indices: [1850 5475 5059 … 1107 5226 2486]
selected indices: [1850 5475 5059 5241 1250 4153 5326 4944 2342 2300]
selected outputs: [[599950.]
 [899000.]
 [489500.]
 [382000.]
 [620000.]
 [332100.]
 [533500.]
 [850000.]
 [525000.]
 [359999.]]
Predicted value: 559104.9


query set: [ 0.01345102  0.01163464  0.00903736  0.01067454  0.00154097  0.
  0.          0.0116321   0.01390535  0.01231379  0.          0.01304591
  0.          0.01347135 -0.01346779  0.01144462  0.00146025]
distances: [0.00719685 0.06770294 0.01284704 … 0.00815562 0.01108038
0.00685795]
sorted indices: [1092 1773 1706 … 1107 5226 2486]
selected indices: [1092 1773 1706 3848 3234 3846 5481 2090 1770 1834]
selected outputs: [[926300.]
 [303100.]
 [640000.]
 [619100.]
 [544950.]
```

```
 [169000.]
 [580000.]
 [733500.]
 [690000.]
 [415000.]]
Predicted value: 562095.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00548636  0.00156505  0.
  0.          0.01550947  0.01216718  0.00632887  0.          0.01349624
  0.          0.01339474 -0.01343785  0.00745829  0.00197742]
distances: [0.00470786 0.06916704 0.01183418 … 0.01737587 0.02031988
0.01181498]
sorted indices: [ 314   121 1684 … 1107 5226 2486]
selected indices: [ 314   121 1684 1277  628 1442 2809 3620 2160 4148]
selected outputs: [[194000.]
 [205000.]
 [225000.]
 [195000.]
 [355000.]
 [329000.]
 [308000.]
 [196000.]
 [200000.]
 [201000.]]
Predicted value: 240800.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00960112  0.00165623  0.
  0.          0.0116321   0.01216718  0.01107553  0.          0.013544
  0.          0.01345277 -0.01343004  0.01035159  0.00211331]
distances: [0.0086693  0.06765669 0.01371425 … 0.00771214 0.01151045
0.00316865]
sorted indices: [2171 1589 5424 … 1107 5226 2486]
selected indices: [2171 1589 5424 3604 4071 4586 4015  111 5287 2635]
selected outputs: [[324000.]
 [300000.]
 [497000.]
 [275000.]
 [264000.]
 [310000.]
 [468000.]
 [278500.]
 [275000.]
 [500000.]]
Predicted value: 349150.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01192686  0.00128029  0.
  0.06803154  0.01550947  0.01216718  0.00687921  0.02558435  0.01335978
  0.          0.01345984 -0.01347098  0.01086596  0.00168091]
```

```
distances: [0.07324282 0.09698384 0.07408056 … 0.07368819 0.07402008
0.07321664]
sorted indices: [3508 2085 3861 … 1107 5226 2486]
selected indices: [3508 2085 3861 1963 1181 2838 2458  233 4614 1481]
selected outputs: [[ 415000.]
 [ 732000.]
 [ 715000.]
 [ 472000.]
 [1345000.]
 [ 545000.]
 [ 675000.]
 [ 595000.]
 [ 612000.]
 [ 759000.]]
Predicted value: 686500.0

query set: [ 0.01345102  0.01551285  0.01355605  0.01484894  0.00279302  0.
  0.          0.0116321   0.01216718  0.01300171  0.01535061  0.01348259
  0.          0.01350147 -0.01346361  0.00945145  0.00323486]
distances: [0.01987098 0.06686384 0.0241861  … 0.01711384 0.01777142
0.01754601]
sorted indices: [4959 1262 2510 … 1107 5226 2486]
selected indices: [4959 1262 2510 2325 1825 3577 3945 2619 3525 2342]
selected outputs: [[750000.]
 [650000.]
 [372000.]
 [883000.]
 [300000.]
 [365000.]
 [339950.]
 [562000.]
 [318000.]
 [525000.]]
Predicted value: 506495.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00685795  0.00308195  0.
  0.          0.0116321   0.01216718  0.00791109  0.          0.01350306
  0.          0.01341767 -0.01340307  0.00977293  0.00404652]
distances: [0.00515263 0.06827009 0.01052163 … 0.01246435 0.01576074
0.00739264]
sorted indices: [ 124  421 3619 … 1107 5226 2486]
selected indices: [ 124  421 3619 3806 2290 1833 3473 3732 3813 2700]
selected outputs: [[333500.]
 [208000.]
 [275000.]
 [240000.]
 [555000.]
 [245100.]
```

```
 [157000.]
 [220000.]
 [360000.]
 [373000.]]
Predicted value: 296660.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01800956  0.00192622  0.
  0.03401577  0.0116321   0.01390535  0.01362084  0.02660772  0.01360541
  0.          0.01344072 -0.01346306  0.00739399  0.00243375]
distances: [0.04557484 0.0766368  0.04798574 … 0.04408165 0.04456089
0.04435754]
sorted indices: [3556 2762 2094 … 1107 5226 2486]
selected indices: [3556 2762 2094 2645 3689  237 2663   34 4995 4573]
selected outputs: [[ 750000.]
 [ 812000.]
 [ 555000.]
 [ 695000.]
 [1025000.]
 [ 285000.]
 [ 415000.]
 [ 660000.]
 [1010000.]
 [ 590000.]]
Predicted value: 679700.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0142526   0.01228221  0.
  0.          0.0116321   0.01390535  0.01644131  0.          0.01365317
  0.          0.01350249 -0.01343829  0.01260194  0.00694146]
distances: [0.01919086 0.06832929 0.02216567 … 0.01232396 0.01203026
0.01631309]
sorted indices: [2892  756 4574 … 1107 5226 2486]
selected indices: [2892  756 4574 2026 1158 2189 4964 4252 1111 3725]
selected outputs: [[490000.]
 [392000.]
 [390000.]
 [500000.]
 [539000.]
 [530000.]
 [525000.]
 [442000.]
 [725000.]
 [475000.]]
Predicted value: 500800.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01085344  0.00222029  0.
  0.          0.0116321   0.01216718  0.01252016  0.          0.01360541
  0.          0.0134015  -0.01343114  0.01080166  0.00283735]
distances: [0.011661    0.06761186 0.01680187 … 0.00704992 0.00906233
```

```
0.00586371]
sorted indices: [2454 5177 1808 … 1107 5226 2486]
selected indices: [2454 5177 1808  109  156  833 3874 1513 2829  618]
selected outputs: [[175000.]
 [216000.]
 [250000.]
 [322500.]
 [338900.]
 [295000.]
 [295000.]
 [315000.]
 [339500.]
 [322500.]]
Predicted value: 286940.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00733502  0.00237888  0.
  0.          0.0116321   0.01216718  0.00846143  0.          0.01326425
  0.          0.01342797 -0.01346581  0.00655815  0.00310222]
distances: [0.00452358 0.06873187 0.01417474 … 0.01597214 0.0180434
0.01133192]
sorted indices: [4174 2487 4301 … 1107 5226 2486]
selected indices: [4174 2487 4301 3329  232 1324  890 5312  411 4699]
selected outputs: [[227000.]
 [489000.]
 [226000.]
 [220000.]
 [175000.]
 [239000.]
 [197000.]
 [380000.]
 [475000.]
 [235000.]]
Predicted value: 286300.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01335809  0.00222157  0.
  0.          0.01938684  0.01390535  0.00949331  0.02200254  0.01346895
  0.          0.01343399 -0.01346922  0.00990152  0.00283938]
distances: [0.0262292  0.06838684 0.0291793  … 0.02488653 0.02552598
0.02422311]
sorted indices: [ 484  761 1492 … 1107 5226 2486]
selected indices: [ 484  761 1492 3497   59 4909  251    3  211 2236]
selected outputs: [[411800.]
 [430000.]
 [395000.]
 [610000.]
 [423000.]
 [279000.]
 [930000.]
```

```
 [604000.]
 [760000.]
 [380000.]]
Predicted value: 522280.0


query set: [ 0.01345102  0.01939106  0.00903736  0.01300028  0.00137018  0.
  0.          0.01550947  0.01216718  0.00921814  0.02149085  0.01312779
  0.          0.01348594 -0.01347076  0.00983723  0.00157383]
distances: [0.02418995 0.06846912 0.02784309 … 0.02532299 0.02553996
0.02440047]
sorted indices: [4640 3889 4683 … 1107 5226 2486]
selected indices: [4640 3889 4683 2352 1307 3988  301 4979 1144  841]
selected outputs: [[791000.]
 [497500.]
 [494000.]
 [279950.]
 [377691.]
 [605000.]
 [272000.]
 [771000.]
 [250000.]
 [555000.]]
Predicted value: 489314.1


query set: [ 0.01345102  0.01163464  0.01054359  0.00904056  0.00093004  0.
  0.          0.0116321   0.01216718  0.00686545  0.01325269  0.01313461
  0.          0.01348577 -0.01346548  0.01350208  0.00156328]
distances: [0.01506216 0.06750797 0.01613607 … 0.0172812  0.01944465
0.01508178]
sorted indices: [4556  598 2507 … 1107 5226 2486]
selected indices: [4556  598 2507 1341   88 3266 1400 3982  175 4328]
selected outputs: [[560000.]
 [545000.]
 [284200.]
 [368000.]
 [405000.]
 [442573.]
 [385500.]
 [925000.]
 [530000.]
 [357000.]]
Predicted value: 480227.3


query set: [ 0.01345102  0.01551285  0.02108718  0.0165187   0.00281324  0.
  0.          0.0116321   0.01390535  0.01444634  0.01714151  0.01361906
  0.          0.01336651 -0.01346185  0.01305201  0.00293754]
distances: [0.02626607 0.06747333 0.0289666  … 0.01895443 0.01883313
0.02090447]
```

```
sorted indices: [5059 1850 5475 … 1107 5226 2486]
selected indices: [5059 1850 5475 4153 2309 5241 1250 2414 5456 2342]
selected outputs: [[ 489500.]
 [ 599950.]
 [ 899000.]
 [ 332100.]
 [ 952000.]
 [ 382000.]
 [ 620000.]
 [1008000.]
 [ 825750.]
 [ 525000.]]
Predicted value: 663330.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01514712  0.00208385  0.
  0.          0.0116321   0.01390535  0.0174732   0.          0.01362588
  0.          0.01347223 -0.01344082  0.01279482  0.00342632]
distances: [0.01649094 0.06751963 0.02090716 … 0.00506307 0.00395861
0.01091918]
sorted indices: [3479 4713 1535 … 1107 5226 2486]
selected indices: [3479 4713 1535 1690 3938 3574 3824  192  305 5314]
selected outputs: [[700000.]
 [305000.]
 [321000.]
 [612000.]
 [575000.]
 [885000.]
 [360000.]
 [390000.]
 [510000.]
 [399963.]]
Predicted value: 505796.3


query set: [ 0.01345102  0.01939106  0.01506227  0.018427    0.00409321  0.
  0.          0.0116321   0.01390535  0.01203862  0.03428303  0.01342801
  0.          0.01338866 -0.01346482  0.01131603  0.0105134 ]
distances: [0.03931141 0.07171794 0.04162599 … 0.03681618 0.03642489 0.0379282
]
sorted indices: [3514 4161 4302 … 1107 5226 2486]
selected indices: [3514 4161 4302 1355 2046 3763 1191 1210 1937 1551]
selected outputs: [[465000.]
 [575000.]
 [725000.]
 [367500.]
 [460000.]
 [290000.]
 [538000.]
 [260000.]
```

```
 [275000.]
 [541125.]]
Predicted value: 449662.5


query set: [ 0.01345102  0.00775643  0.01506227  0.00793136  0.00040097  0.
  0.          0.0116321   0.01390535  0.00914935  0.          0.01367364
  0.          0.01348085 -0.01345931  0.00919427  0.00053867]
distances: [0.01034982 0.06818839 0.01428752 … 0.01106954 0.01535109 0.0043333
]
sorted indices: [4697  779 5476 … 1107 5226 2486]
selected indices: [4697  779 5476 5185 2706 3365 5042 2986 2666 5339]
selected outputs: [[350500.]
 [325000.]
 [485000.]
 [525000.]
 [489000.]
 [335000.]
 [562000.]
 [190000.]
 [330000.]
 [356000.]]
Predicted value: 394750.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01693614  0.00152492  0.
  0.          0.0116321   0.01564352  0.01953696  0.          0.01366
  0.          0.01341985 -0.01344126  0.01581672  0.00192672]
distances: [0.01973262 0.06788192 0.02306196 … 0.00683426 0.00301281
0.01411179]
sorted indices: [4623  214 5192 … 1107 5226 2486]
selected indices: [4623  214 5192 4357 2202 3101 5187 5235 3610 4020]
selected outputs: [[677000.]
 [370000.]
 [399895.]
 [680000.]
 [895000.]
 [340000.]
 [415000.]
 [416000.]
 [549000.]
 [440000.]]
Predicted value: 518189.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01687651  0.00310763  0.
  0.          0.0116321   0.01738169  0.01946817  0.          0.01358494
  0.          0.013469   -0.01343059  0.01909579  0.00352529]
distances: [0.02115689 0.0681847   0.02235189 … 0.00784559 0.0060806
0.01593485]
sorted indices: [4862 3371 3927 … 1107 5226 2486]
```

```
selected indices: [4862 3371 3927 5149 1404 2565 1328 5308 4495 2131]
selected outputs: [[ 770000.]
 [ 685000.]
 [ 751000.]
 [ 554950.]
 [ 735000.]
 [ 430000.]
 [ 485000.]
 [ 739000.]
 [ 746000.]
 [1250000.]]
Predicted value: 714595.0


query set: [ 0.01345102  0.01163464  0.01355605  0.0123443   0.00231371  0.
  0.          0.0116321   0.01390535  0.01183224  0.00895452  0.01346212
  0.          0.01351103 -0.01346878  0.01510947  0.00323689]
distances: [0.01500751 0.0668171  0.0165341  … 0.00998117 0.01183452
0.01153613]
sorted indices: [2362 1294 3712 … 1107 5226 2486]
selected indices: [2362 1294 3712 3791 3746  565 3254 1216 4924 4206]
selected outputs: [[580000.]
 [355000.]
 [666000.]
 [500000.]
 [420000.]
 [399000.]
 [542000.]
 [274000.]
 [403000.]
 [385000.]]
Predicted value: 452400.0


query set: [ 0.01345102  0.00775643  0.01506227  0.02325738  0.29548922  0.
  0.          0.0116321   0.02085802  0.02682892  0.          0.01370776
  0.          0.01344417 -0.01340109  0.0174884   0.16710214]
distances: [0.33804143 0.34309174 0.33655697 … 0.3372096  0.33694861
0.33971438]
sorted indices: [3300 1842 4476 … 3922 1461 5025]
selected indices: [3300 1842 4476 1107 4901 2357 3735 5226 1828 2486]
selected outputs: [[ 750000.]
 [ 700000.]
 [ 375000.]
 [ 790000.]
 [ 858000.]
 [ 350000.]
 [ 569950.]
 [1600000.]
 [ 950000.]
```

```
 [ 937500.]]
Predicted value: 788045.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0083488   0.00248322  0.
  0.          0.01550947  0.01216718  0.0096309   0.          0.01357129
  0.          0.01339324 -0.01343235  0.00983723  0.00314522]
distances: [0.00649532 0.06804474 0.01206875 … 0.01118174 0.0144185
0.00712848]
sorted indices: [1771 2146 2669 … 1107 5226 2486]
selected indices: [1771 2146 2669  259 1919 3444 1301 4007 4317   81]
selected outputs: [[246000.]
 [235000.]
 [450000.]
 [234000.]
 [320000.]
 [217500.]
 [255000.]
 [455000.]
 [225000.]
 [237000.]]
Predicted value: 287450.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01311955  0.00158656  0.
  0.          0.0116321   0.01390535  0.01513426  0.          0.01357129
  0.          0.01345551 -0.01342806  0.01414503  0.00240292]
distances: [0.01617979 0.0678991  0.02033059 … 0.00779889 0.00556186
0.01098417]
sorted indices: [ 901 3274  665 … 1107 5226 2486]
selected indices: [ 901 3274  665  916 1263 2295 2694 1014 5337 4992]
selected outputs: [[502500.]
 [326000.]
 [337500.]
 [335000.]
 [572000.]
 [259875.]
 [302000.]
 [359950.]
 [270500.]
 [349900.]]
Predicted value: 361522.5


query set: [ 0.01345102  0.01551285  0.01506227  0.018427    0.00401649  0.
  0.          0.01550947  0.01738169  0.02125676  0.          0.0136327
  0.          0.01346004 -0.01342607  0.01993164  0.00441401]
distances: [0.0240585  0.06873254 0.02568    … 0.01165126 0.00819312
0.01932817]
sorted indices: [2724 3130 4666 … 1107 5226 2486]
selected indices: [2724 3130 4666 4446 2387 1556 5391 4047  160 1370]
```

```
selected outputs: [[ 795000.]
 [1199500.]
 [ 469900.]
 [ 960000.]
 [ 790000.]
 [ 795000.]
 [ 450000.]
 [ 680000.]
 [ 900000.]
 [ 693000.]]
Predicted value: 773240.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01991786  0.00256829  0.
  0.          0.01550947  0.01390535  0.02297656  0.          0.01346212
  0.          0.01338193 -0.01347032  0.01433792  0.003245  ]
distances: [0.02260017 0.06825838 0.02649303 … 0.01135021 0.00898115
0.01833057]
sorted indices: [3239 2540 2560 … 1107 5226 2486]
selected indices: [3239 2540 2560 3047 4446 3964 5460 1866 5147 2799]
selected outputs: [[449950.]
 [359999.]
 [465000.]
 [367999.]
 [960000.]
 [590000.]
 [495000.]
 [294000.]
 [925000.]
 [400000.]]
Predicted value: 530694.8


query set: [ 0.01345102  0.00387821  0.00451868  0.00310098  0.00092619  0.
  0.          0.01550947  0.01042901  0.00357719  0.          0.01328472
  0.          0.01348702 -0.01346955  0.00630097  0.00172026]
distances: [0.01109365 0.07064666 0.01305034 … 0.02285432 0.02683451
0.01724035]
sorted indices: [1008 1410 2218 … 1107 5226 2486]
selected indices: [1008 1410 2218  739 3426 2448 2074 4183 4794 3555]
selected outputs: [[202000.]
 [142500.]
 [382888.]
 [295000.]
 [390000.]
 [264000.]
 [170000.]
 [271000.]
 [419000.]
 [267800.]]
```

Predicted value: 280418.8

query set: [0.01345102 0.01163464 0.01807473 0.02409226 0.00231146 0.
  0.03401577 0.01550947 0.01564352 0.02297656 0.01790904 0.01316873
  0.   0.01347011 -0.0134592   0.02218198 0.00438075]
distances: [0.04848187 0.07718945 0.04896097 … 0.04162758 0.0408769
0.04532884]
sorted indices: [3351 1463 1891 … 1107 5226 2486]
selected indices: [3351 1463 1891 4457 1957 5298 740 5323 2868 5170]
selected outputs: [[2546000.]
 [1460000.]
 [2500000.]
 [1215000.]
 [1250000.]
 [635000.]
 [1010000.]
 [735000.]
 [1699000.]
 [1302000.]]
Predicted value: 1435200.0

query set: [0.01345102 0.01163464 0.01054359 0.01133052 0.00274165 0.
  0.   0.0116321   0.01042901 0.00653525 0.02430513 0.01350989
  0.   0.01342995 -0.0134613   0.0088085   0.004139]
distances: [0.0252875 0.06874138 0.02737818 … 0.0273551 0.02901658
0.02575323]
sorted indices: [4584 4293 3376 … 1107 5226 2486]
selected indices: [4584 4293 3376 1016 3385 1564 929   18 1876 1679]
selected outputs: [[340000.]
 [507500.]
 [350500.]
 [325000.]
 [348000.]
 [450000.]
 [317000.]
 [585000.]
 [520500.]
 [425000.]]
Predicted value: 416850.0

query set: [0.01345102 0.01163464 0.01204982 0.0123443   0.00295193 0.
  0.   0.0116321   0.01390535 0.00839264 0.0217467   0.01352353
  0.   0.01347585 -0.01343466 0.01337348 0.00387413]
distances: [0.02381085 0.0679714 0.02497007 … 0.02325694 0.02446162
0.02295201]
sorted indices: [1511 2926 1874 … 1107 5226 2486]
selected indices: [1511 2926 1874 1479 4972 3478 2631 882 2205 1430]
selected outputs: [[490000.]

```
 [268000.]
 [343000.]
 [570000.]
 [580000.]
 [265000.]
 [535000.]
 [338500.]
 [520000.]
 [558000.]]
Predicted value: 446750.0


query set: [ 0.01345102  0.01551285  0.01958096  0.02462897  0.03612333  0.
  0.          0.0116321   0.01911985  0.02841114  0.          0.01349624
  0.          0.01347305 -0.01344611  0.02018882  0.01060588]
distances: [0.0484633   0.07862403 0.04898646 … 0.04036031 0.03871529
0.04592201]
sorted indices: [4366 4298  143 … 1107 5226 2486]
selected indices: [4366 4298  143 3724 4673 2435 1299 1171 5329 2358]
selected outputs: [[997950.]
 [949000.]
 [970000.]
 [760000.]
 [637000.]
 [665000.]
 [730000.]
 [898000.]
 [925000.]
 [850000.]]
Predicted value: 838195.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01777103  0.00402387  0.
  0.          0.0116321   0.01564352  0.02050005  0.          0.01361906
  0.          0.01340537 -0.01345117  0.01690974  0.00508411]
distances: [0.02142203 0.06810252 0.02404853 … 0.00882436 0.00542211
0.01660619]
sorted indices: [5231  879 5281 … 1107 5226 2486]
selected indices: [5231  879 5281 4020 2179 5187 2535 5107 2629 4628]
selected outputs: [[750000.]
 [695000.]
 [524225.]
 [440000.]
 [594950.]
 [415000.]
 [563500.]
 [810000.]
 [925000.]
 [515500.]]
Predicted value: 623317.5
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.00602307  0.00325049  0.
  0.          0.01550947  0.01216718  0.006948    0.          0.0134553
  0.          0.01338908 -0.01343763  0.00790836  0.00410695]
distances: [0.00482747 0.06899785 0.01142071 … 0.01677579 0.01965202
0.01210322]
sorted indices: [3565 3389 4780 … 1107 5226 2486]
selected indices: [3565 3389 4780 2671 2266 1544 4582 1442  121 4543]
selected outputs: [[230000.]
 [230000.]
 [192500.]
 [250000.]
 [290000.]
 [229900.]
 [360000.]
 [329000.]
 [205000.]
 [330000.]]
Predicted value: 264640.0

query set: [ 0.01345102  0.01163464  0.00903736  0.00888551  0.00250408  0.
  0.          0.0116321   0.01216718  0.006948    0.01228049  0.01339389
  0.          0.01338931 -0.01346141  0.01009441  0.00316388]
distances: [0.01296532 0.06748156 0.01594817 … 0.01756322 0.01995353
0.01463744]
sorted indices: [4328 3327 3453 … 1107 5226 2486]
selected indices: [4328 3327 3453 3500 1341 2457 4384 2012 2141 2811]
selected outputs: [[357000.]
 [315275.]
 [274000.]
 [402000.]
 [368000.]
 [453000.]
 [255000.]
 [250000.]
 [212000.]
 [186000.]]
Predicted value: 307227.5

query set: [ 0.01345102  0.00387821  0.00602491  0.00369733  0.00163729  0.
  0.          0.0116321   0.01042901  0.00426511  0.          0.01333248
  0.          0.01345345 -0.01345953  0.00990152  0.00108545]
distances: [0.00960816 0.07001681 0.00904083 … 0.02008176 0.02419193
0.01498509]
sorted indices: [ 966 3188  513 … 1107 5226 2486]
selected indices: [ 966 3188  513 3241 3672 2509  739 4585 2218 1028]
selected outputs: [[395000.]
 [299000.]
```

```
[200000.]
[395000.]
[280000.]
[124000.]
[295000.]
[351000.]
[382888.]
[135000.]]
Predicted value: 285688.8


query set: [ 0.01345102  0.00775643  0.00602491  0.00715612  0.00080259  0.
  0.03401577  0.0116321   0.01216718  0.00749834  0.00281428  0.01314826
  0.          0.01347056 -0.01346108  0.01729552  0.001947  ]
distances: [0.0354535  0.0766432  0.03445321 … 0.03714827 0.03848017
0.03654693]
sorted indices: [2326 4140 3304 … 1107 5226 2486]
selected indices: [2326 4140 3304 1139 2265  422 3812 2518 4131 2419]
selected outputs: [[436000.]
 [500000.]
 [580000.]
 [530000.]
 [370000.]
 [169317.]
 [397000.]
 [503000.]
 [672500.]
 [400000.]]
Predicted value: 455781.7


query set: [ 0.01345102  0.01551285  0.01355605  0.01305991  0.0012026   0.
  0.          0.0116321   0.01390535  0.01506547  0.          0.01368047
  0.          0.01340246 -0.01343169  0.01414503  0.0014566 ]
distances: [0.01382374 0.06757324 0.01774391 … 0.00437359 0.00447907
0.00856733]
sorted indices: [3747 5188 5419 … 1107 5226 2486]
selected indices: [3747 5188 5419 2831  310 5318 4083 1386 5002 2481]
selected outputs: [[355000.]
 [540000.]
 [391000.]
 [299900.]
 [305000.]
 [383000.]
 [340000.]
 [482000.]
 [419950.]
 [601000.]]
Predicted value: 411685.0
```

```
query set: [ 0.01345102  0.01163464  0.00903736  0.00661941  0.00330539  0.
  0.          0.01938684  0.01216718  0.00763592  0.          0.01340072
  0.          0.01341162 -0.01344479  0.00855131  0.00417632]
distances: [0.00868342 0.0688847  0.01332699 … 0.01591704 0.01875873
0.01171294]
sorted indices: [1625 4319  134 … 1107 5226 2486]
selected indices: [1625 4319  134 1208  256 4503 1867 3906 2321  428]
selected outputs: [[350000.]
 [421000.]
 [232000.]
 [310000.]
 [530000.]
 [211000.]
 [485000.]
 [387000.]
 [220000.]
 [284950.]]
Predicted value: 343095.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00673868  0.00293652  0.
  0.          0.01938684  0.01216718  0.00777351  0.          0.01331884
  0.          0.01349041 -0.01344963  0.01240905  0.00401812]
distances: [0.00888692 0.0690902   0.01074202 … 0.01617606 0.01863164
0.01353079]
sorted indices: [2716 2582 3250 … 1107 5226 2486]
selected indices: [2716 2582 3250  604  428 3296  682  556 1579 4104]
selected outputs: [[435000.]
 [373000.]
 [235000.]
 [234000.]
 [284950.]
 [350000.]
 [161500.]
 [306000.]
 [335000.]
 [375000.]]
Predicted value: 308945.0


query set: [ 0.01345102  0.01551285  0.01054359  0.00983966  0.00274807  0.
  0.          0.0116321   0.01390535  0.0113507   0.          0.01344165
  0.          0.0134804  -0.01344402  0.01093025  0.00347215]
distances: [0.00802657 0.06781185 0.01414852 … 0.00911393 0.01076044 0.0071963
]
sorted indices: [2884 4685 1348 … 1107 5226 2486]
selected indices: [2884 4685 1348 1769 3083 1784 1078 4188 2439 1742]
selected outputs: [[559500.]
 [442200.]
 [430000.]
```

```
  [215000.]
  [423000.]
  [466750.]
  [371000.]
  [425000.]
  [525000.]
  [235000.]]
Predicted value: 409245.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01186723  0.00308002  0.
  0.          0.0116321   0.01390535  0.00818626  0.02046748  0.01348942
  0.          0.01347941 -0.01344302  0.01240905  0.00396093]
distances: [0.02201133 0.06783295 0.02353987 … 0.02250576 0.02385732
0.02185385]
sorted indices: [2926 1511  882 … 1107 5226 2486]
selected indices: [2926 1511  882 2205  154 3372 4972 1874 3142 2283]
selected outputs: [[268000.]
  [490000.]
  [338500.]
  [520000.]
  [638700.]
  [350000.]
  [580000.]
  [343000.]
  [430000.]
  [700000.]]
Predicted value: 465820.0

query set: [ 0.01345102  0.01163464  0.00602491  0.0098993   0.00245593  0.
  0.          0.0116321   0.01216718  0.00928693  0.00793115  0.01303226
  0.          0.01344997 -0.01345843  0.01125173  0.0023364 ]
distances: [0.00893992 0.06743487 0.01286149 … 0.01459209 0.01697303 0.0126311
]
sorted indices: [1746 4678  745 … 1107 5226 2486]
selected indices: [1746 4678  745 2673 1912  893  271   80 2270 2611]
selected outputs: [[250000.]
  [530100.]
  [265000.]
  [460000.]
  [578000.]
  [372220.]
  [260000.]
  [780000.]
  [399950.]
  [625000.]]
Predicted value: 452027.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01365626  0.00282384  0.
```

```
   0.         0.0116321   0.01390535  0.01575339  0.         0.01360541
   0.         0.01339867 -0.01346295  0.01369496  0.00356788]
distances: [0.01517828 0.06753104 0.0189798  … 0.00430501 0.00397136
0.00962333]
sorted indices: [4331 3882 1973 … 1107 5226 2486]
selected indices: [4331 3882 1973 3697  621 3242  568 1512 1733  192]
selected outputs: [[562500.]
 [340000.]
 [325000.]
 [322000.]
 [580000.]
 [570000.]
 [340000.]
 [325900.]
 [470101.]
 [390000.]]
Predicted value: 422550.1

query set: [ 0.01345102  0.01551285  0.01506227  0.01800956  0.01184399  0.
  0.         0.0116321   0.01564352  0.02077522  0.         0.01355083
  0.0670427   0.01350947 -0.01343807  0.01941727  0.0147826 ]
distances: [0.07250857 0.02182003 0.07276186 … 0.0695645  0.06911079
0.07156269]
sorted indices: [ 288 2441  891 … 1107 5226 2486]
selected indices: [ 288 2441  891 2304 1524 3498 3100 2968 1109 3551]
selected outputs: [[ 675000.]
 [ 808000.]
 [1008000.]
 [ 667000.]
 [ 599000.]
 [ 531500.]
 [ 552775.]
 [1185000.]
 [ 620000.]
 [ 975000.]]
Predicted value: 762127.5

query set: [ 0.01345102  0.00775643  0.00602491  0.00489001  0.00182991  0.
  0.         0.01938684  0.00869084  0.00564095  0.         0.01325061
  0.         0.01343128 -0.0134482   0.00642956  0.00231206]
distances: [0.01013858 0.06991254 0.01372933 … 0.02061948 0.02419983
0.01557853]
sorted indices: [2089 3244 4307 … 1107 5226 2486]
selected indices: [2089 3244 4307 3270 1754 3701 4433  593 2371  790]
selected outputs: [[222900.]
 [191000.]
 [191000.]
 [285950.]
```

```
 [280000.]
 [195000.]
 [416000.]
 [250000.]
 [275000.]
 [415000.]]
Predicted value: 272185.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01341772  0.01338336  0.
  0.          0.0116321   0.01390535  0.01547822  0.          0.01350989
  0.          0.01348162 -0.01343345  0.01510947  0.0153813 ]
distances: [0.02273911 0.06957932 0.02380024 … 0.01796696 0.01763739
0.02181218]
sorted indices: [2217 3580  610 … 1107 5226 2486]
selected indices: [2217 3580  610 2564 2591 3338 2659 2914 3344 3591]
selected outputs: [[380000.]
 [602500.]
 [575000.]
 [652500.]
 [597000.]
 [635000.]
 [575000.]
 [590000.]
 [370000.]
 [670000.]]
Predicted value: 564700.0


query set: [ 0.01345102  0.00775643  0.00602491  0.01073418  0.03845694  0.
  0.          0.01550947  0.01216718  0.00825505  0.01535061  0.01328472
  0.06604057  0.01342285 -0.01342927  0.01491658  0.03212875]
distances: [0.08314703 0.04840964 0.08211761 … 0.08371224 0.08416592
0.08479351]
sorted indices: [3539 2842  891 … 1107 5226 2486]
selected indices: [3539 2842  891 4598 3087 2441 2372 2304 3100 3498]
selected outputs: [[ 810000.]
 [ 446000.]
 [1008000.]
 [ 400000.]
 [ 250000.]
 [ 808000.]
 [ 273000.]
 [ 667000.]
 [ 552775.]
 [ 531500.]]
Predicted value: 574627.5


query set: [ 0.01345102  0.01551285  0.01506227  0.01896371  0.00703198  0.
  0.05102365  0.0116321   0.01564352  0.02187589  0.          0.01364635
```

```
   0.          0.01343792 -0.01344082   0.02388582   0.01183208]
distances: [0.058269    0.0865474   0.05816272 … 0.05379996 0.05303497
0.05669978]
sorted indices: [1465 3572 4192 … 1107 5226 2486]
selected indices: [1465 3572 4192 4168  361 3599 3236 5041 1207 4511]
selected outputs: [[ 810000.]
 [ 805000.]
 [ 950000.]
 [ 760000.]
 [1131000.]
 [ 538250.]
 [ 610000.]
 [ 915000.]
 [ 480000.]
 [ 410000.]]
Predicted value: 740925.0


query set: [ 0.01345102   0.00387821   0.00602491   0.00316062   0.00439146  0.
  0.          0.01550947   0.01042901   0.00364598  0.          0.01329837
  0.          0.0134739  -0.01342288   0.01240905   0.00836561]
distances: [0.01308306 0.07051725 0.00938194 … 0.02163663 0.02536153
0.01830218]
sorted indices: [ 334 1831 4310 … 1107 5226 2486]
selected indices: [ 334 1831 4310 1148   98  281 1697 2275 1788 3858]
selected outputs: [[250275.]
 [175000.]
 [129000.]
 [185000.]
 [299000.]
 [197500.]
 [193000.]
 [230950.]
 [213000.]
 [390000.]]
Predicted value: 226272.5


query set: [ 0.01345102   0.02714749   0.01355605   0.01944079   0.00261484  0.
  0.          0.01938684   0.01390535   0.02242623  0.          0.01342119
  0.          0.01347146 -0.0134406    0.01504517   0.00330382]
distances: [0.02760679 0.07016153 0.03201928 … 0.01965234 0.01577427
0.02430318]
sorted indices: [1360 3456 4167 … 1107 5226 2486]
selected indices: [1360 3456 4167  344  733 1387 3904 3900 5207 3899]
selected outputs: [[823000.]
 [382000.]
 [779000.]
 [847000.]
 [516250.]
```

```
 [895000.]
 [574950.]
 [325000.]
 [300000.]
 [757500.]]
Predicted value: 619970.0


query set: [ 0.01345102  0.01939106  0.01506227  0.0163398   0.0017336   0.
  0.          0.0116321   0.01390535  0.01884904  0.          0.01368047
  0.          0.01340642 -0.01345051  0.01864572  0.0022212 ]
distances: [0.02114949 0.06834996 0.02357259 … 0.00974139 0.00530442
0.01623517]
sorted indices: [3494 5274 5068 … 1107 5226 2486]
selected indices: [3494 5274 5068 5380 5444 5164 5101 1527 5335 5398]
selected outputs: [[372000.]
 [779380.]
 [419354.]
 [670000.]
 [492500.]
 [515805.]
 [450000.]
 [725000.]
 [639983.]
 [525000.]]
Predicted value: 558902.2


query set: [ 0.01345102  0.01163464  0.01054359  0.00936259  0.00499854  0.
  0.          0.0116321   0.01216718  0.01080036  0.          0.01351671
  0.          0.01338297 -0.01346779  0.01285912  0.01143863]
distances: [0.01203638 0.06834091 0.01352777 … 0.01267036 0.01496311
0.01309402]
sorted indices: [4536 2104  329 … 1107 5226 2486]
selected indices: [4536 2104  329 4327 3727  698 2957 2745 4886 4790]
selected outputs: [[315000.]
 [453000.]
 [307000.]
 [482000.]
 [275000.]
 [370000.]
 [315000.]
 [289571.]
 [299500.]
 [322500.]]
Predicted value: 342857.1


query set: [ 0.01345102  0.01163464  0.0165685   0.01037637  0.00270826  0.
  0.          0.0116321   0.01216718  0.0078423   0.01535061  0.01342119
  0.          0.01339001 -0.01346152  0.00996582  0.00342185]
```

distances: [0.01902487 0.06733789 0.02148814 … 0.01830067 0.02042925
0.01622346]
sorted indices: [3247 2596 1795 … 1107 5226 2486]
selected indices: [3247 2596 1795 3704 1369 4477 2392 3175 3042 991]
selected outputs: [[310000.]
 [245000.]
 [295000.]
 [350000.]
 [375000.]
 [415000.]
 [440000.]
 [162000.]
 [425000.]
 [425000.]]
Predicted value: 344200.0

query set: [0.01345102 0.01163464 0.01204982 0.00870661 0.00248482 0.
  0.   0.0116321   0.01216718 0.01004365 0.   0.01342801
  0.   0.01339032 -0.01346163 0.00990152 0.0031006]
distances: [0.00675025 0.06781589 0.01232918 … 0.00946954 0.01303344
0.00482587]
sorted indices: [4367   35 1164 … 1107 5226 2486]
selected indices: [4367   35 1164 1408 4227 1994 262 2559 1041 1797]
selected outputs: [[305000.]
 [391500.]
 [285000.]
 [258000.]
 [222500.]
 [231200.]
 [250000.]
 [252000.]
 [245000.]
 [528000.]]
Predicted value: 296820.0

query set: [0.01345102 0.01551285 0.01506227 0.01180759 0.001897   0.
  0.   0.0116321   0.01390535 0.01362084 0.   0.01366682
  0.   0.01340294 -0.01344831 0.01639538 0.00222567]
distances: [0.01460915 0.06778013 0.01671894 … 0.00502785 0.00522336
0.00893311]
sorted indices: [1351 5390 2307 … 1107 5226 2486]
selected indices: [1351 5390 2307 5417 3955 2735 1165 1504 3857 4083]
selected outputs: [[319950.]
 [425000.]
 [329800.]
 [385000.]
 [369950.]
 [345000.]

```
 [325000.]
 [325000.]
 [250000.]
 [340000.]]
Predicted value: 341470.0


query set: [ 0.01345102  0.01939106  0.01204982  0.01341772  0.00175671  0.
  0.          0.01938684  0.01216718  0.01203862  0.01279217  0.01316873
  0.          0.01337896 -0.01345205  0.00990152  0.00221958]
distances: [0.01944281 0.06757593 0.0241371  … 0.01819723 0.01818631
0.01793302]
sorted indices: [2294   36  878 … 1107 5226 2486]
selected indices: [2294   36  878 2096 1262 1448 4562  272  155 3624]
selected outputs: [[860000.]
 [445000.]
 [425000.]
 [675000.]
 [650000.]
 [472000.]
 [619400.]
 [585000.]
 [671500.]
 [760000.]]
Predicted value: 616290.0


query set: [ 0.01345102  0.01551285  0.01958096  0.02301884  0.00231114  0.
  0.01700788  0.0116321   0.01564352  0.01974333  0.02532851  0.01368047
  0.          0.01348614 -0.01345755  0.01890291  0.003894  ]
distances: [0.04050975 0.07177478 0.04187616 … 0.03312903 0.03210014
0.03666162]
sorted indices: [2077 1605 1167 … 1107 5226 2486]
selected indices: [2077 1605 1167 1761  625 5250  788  561 2636 1737]
selected outputs: [[ 865000.]
 [1965221.]
 [1130000.]
 [1395000.]
 [ 350000.]
 [2950000.]
 [ 870000.]
 [ 700000.]
 [ 750000.]
 [1060000.]]
Predicted value: 1203522.1


query set: [ 0.01345102  0.01939106  0.01506227  0.01347735  0.00323829  0.
  0.          0.0116321   0.01390535  0.0104564   0.01893242  0.01342119
  0.          0.01346145 -0.01344203  0.0160739   0.0038291 ]
distances: [0.02470365 0.06794394 0.02637236 … 0.02125718 0.02073569
```

```
0.02225197]
sorted indices: [1693 4285    87 … 1107 5226 2486]
selected indices: [1693 4285    87 1970 3048 2166 4011 4399 2516 2952]
selected outputs: [[530000.]
 [546800.]
 [467000.]
 [325000.]
 [435000.]
 [320000.]
 [277500.]
 [518000.]
 [450000.]
 [490000.]]
Predicted value: 435930.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0136324   0.00265465  0.
  0.          0.0116321   0.01390535  0.01572588  0.          0.01366
  0.          0.0134386  -0.0134493   0.01356637  0.0019109 ]
distances: [0.0150529  0.06753403 0.01903099 … 0.00413065 0.00391391
0.00912484]
sorted indices: [1733 3242 1512 … 1107 5226 2486]
selected indices: [1733 3242 1512 4173 4551  192 2831 3697 5318 5002]
selected outputs: [[470101.]
 [570000.]
 [325900.]
 [399950.]
 [335000.]
 [390000.]
 [299900.]
 [322000.]
 [383000.]
 [419950.]]
Predicted value: 391580.1


query set: [ 0.01345102  0.01939106  0.01506227  0.01717468  0.00288933  0.
  0.          0.01938684  0.01390535  0.00990606  0.03684146  0.01341436
  0.          0.01344658 -0.01344765  0.01292342  0.00365063]
distances: [0.04110751 0.0727352  0.04297982 … 0.03910601 0.03883979
0.03959817]
sorted indices: [3763 1551    17 … 1107 2486 5226]
selected indices: [3763 1551    17 4806 4349 2953 4112 1768 4923 4302]
selected outputs: [[290000.]
 [541125.]
 [345000.]
 [519000.]
 [515000.]
 [810000.]
 [399950.]
```

```
 [707000.]
 [580000.]
 [725000.]]
Predicted value: 543207.5


query set: [ 0.01345102  0.01163464  0.01054359  0.00983966  0.00304985  0.
  0.          0.0116321   0.01390535  0.0113507   0.          0.01342119
  0.          0.01347073 -0.01343873  0.01208757  0.00380274]
distances: [0.00759095 0.06771701 0.01188546 … 0.00790148 0.0110158
0.00664517]
sorted indices: [3846 1266    4 … 1107 5226 2486]
selected indices: [3846 1266    4 1678 4244 3263  613 1073 2459 1423]
selected outputs: [[169000.]
 [450000.]
 [510000.]
 [267500.]
 [405000.]
 [385000.]
 [363000.]
 [315000.]
 [236000.]
 [265000.]]
Predicted value: 336550.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00978003  0.00235962  0.
  0.          0.0116321   0.01216718  0.0078423   0.01279217  0.01353718
  0.          0.01336651 -0.01346097  0.00951575  0.00326163]
distances: [0.01516744 0.06717717 0.01833689 … 0.0164473  0.01887611 0.0137008
]
sorted indices: [ 991 3301 3175 … 1107 5226 2486]
selected indices: [ 991 3301 3175 1795 2878 2702 3715 2650 4975 3247]
selected outputs: [[425000.]
 [182700.]
 [162000.]
 [295000.]
 [245700.]
 [278000.]
 [438000.]
 [525000.]
 [269950.]
 [310000.]]
Predicted value: 313135.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01013783  0.00196474  0.
  0.          0.0116321   0.01216718  0.01169466  0.          0.01331884
  0.          0.0134565  -0.01347164  0.00855131  0.00248243]
distances: [0.00654944 0.06767857 0.01386474 … 0.00933173 0.0127279
0.00580556]
```

```
sorted indices: [4941 1892 2777 … 1107 5226 2486]
selected indices: [4941 1892 2777 3234 4229  111 2400 1032 2586 1559]
selected outputs: [[355000.]
 [499100.]
 [245000.]
 [544950.]
 [467000.]
 [278500.]
 [325000.]
 [441000.]
 [408000.]
 [260000.]]
Predicted value: 382355.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01085344  0.00300169  0.
  0.          0.01550947  0.01390535  0.01252016  0.          0.01342119
  0.          0.01347011 -0.01343873  0.01453081  0.00377191]
distances: [0.01191406 0.0678498  0.01496864 … 0.00771967 0.00857609
0.00922929]
sorted indices: [ 910 1344  234 … 1107 5226 2486]
selected indices: [ 910 1344  234 1039 1971 4093 2553  204 2418   76]
selected outputs: [[566000.]
 [560000.]
 [270000.]
 [260000.]
 [245000.]
 [240000.]
 [521000.]
 [365000.]
 [565000.]
 [250000.]]
Predicted value: 384200.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01115162  0.00397475  0.
  0.          0.01550947  0.01390535  0.01286412  0.          0.01335295
  0.          0.01338724 -0.01346317  0.01253764  0.00513805]
distances: [0.01030007 0.06772428 0.01383811 … 0.00811146 0.01065589
0.00927315]
sorted indices: [ 127  136 2101 … 1107 5226 2486]
selected indices: [ 127  136 2101 3293 4819 1274 2335 4527 1943 1383]
selected outputs: [[811000.]
 [342000.]
 [285000.]
 [525000.]
 [232603.]
 [525000.]
 [445000.]
 [475000.]
```

```
 [299900.]
 [985000.]]
Predicted value: 492550.3


query set: [ 0.01345102  0.01163464  0.00602491  0.00655977  0.00129891  0.
  0.06803154  0.01550947  0.01042901  0.00756713  0.          0.01311414
  0.          0.01338956 -0.01346438  0.01639538  0.00318294]
distances: [0.06861861 0.09692188 0.06835397 … 0.06967829 0.07025486 0.0693056
]
sorted indices: [4701  472 5203 … 1107 5226 2486]
selected indices: [4701  472 5203 3861 1714  838 4795 1132 2981 3552]
selected outputs: [[ 822500.]
 [ 550000.]
 [ 580000.]
 [ 715000.]
 [ 969000.]
 [ 921000.]
 [ 490000.]
 [1236000.]
 [ 425000.]
 [ 790000.]]
Predicted value: 749850.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00787173  0.00344151  0.
  0.          0.0116321   0.01390535  0.00908056  0.          0.01351671
  0.          0.0134677  -0.01343202  0.01228046  0.00553232]
distances: [0.00821948 0.06806126 0.01099547 … 0.01011531 0.0131812
0.00724038]
sorted indices: [3386 4204 4790 … 1107 5226 2486]
selected indices: [3386 4204 4790 4485 2099  318 4304 1266  619 2957]
selected outputs: [[366000.]
 [335500.]
 [322500.]
 [337000.]
 [370000.]
 [850000.]
 [240000.]
 [450000.]
 [242000.]
 [315000.]]
Predicted value: 382800.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01335809  0.00179138  0.
  0.          0.01938684  0.01216718  0.01258896  0.01048958  0.01329837
  0.          0.01345059 -0.01345766  0.00983723  0.001947  ]
distances: [0.01979828 0.06731285 0.02389326 … 0.01514647 0.01605073
0.01494929]
sorted indices: [4578 2096  419 … 1107 5226 2486]
```

```
selected indices: [4578 2096  419  272 2314 3624 3515 3062  491  973]
selected outputs: [[455000.]
 [675000.]
 [667500.]
 [585000.]
 [706000.]
 [760000.]
 [355000.]
 [831000.]
 [755000.]
 [525000.]]
Predicted value: 631450.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01180759  0.00327553  0.
  0.          0.01550947  0.01216718  0.01155707  0.0076753   0.0132779
  0.          0.01338849 -0.01343301  0.01273053  0.00554246]
distances: [0.01213477 0.06707794 0.01483788 … 0.01220491 0.01431119
0.01276282]
sorted indices: [4027 2567 2871 … 1107 5226 2486]
selected indices: [4027 2567 2871 2677 1419 1239 3582 2855 1639 2556]
selected outputs: [[539000.]
 [325000.]
 [269950.]
 [410000.]
 [235000.]
 [562200.]
 [294000.]
 [420000.]
 [550000.]
 [291600.]]
Predicted value: 389675.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00912405  0.00211884  0.
  0.          0.01550947  0.01216718  0.00853022  0.00741946  0.01342801
  0.          0.01342293 -0.01344864  0.00964434  0.00312331]
distances: [0.01154028 0.06728482 0.0154487  … 0.01305278 0.01598347
0.00942663]
sorted indices: [2733 4034  483 … 1107 5226 2486]
selected indices: [2733 4034  483 1695 1869  697 4558 1639 1914 4635]
selected outputs: [[265000.]
 [265000.]
 [475000.]
 [265000.]
 [203000.]
 [266000.]
 [440000.]
 [550000.]
 [258900.]
```

```
  [475000.]]
Predicted value: 346290.0


query set: [ 0.01345102  0.01939106  0.01054359  0.01276174  0.01384437  0.
  0.03401577  0.01550947  0.01216718  0.00839264  0.0235376   0.01338707
  0.          0.01344827 -0.0134373   0.01620249  0.00595336]
distances: [0.04533498 0.07784793 0.0456425  … 0.04498831 0.04486754
0.04558951]
sorted indices: [2142 1067 2765 … 1107 5226 2486]
selected indices: [2142 1067 2765 4054 2513 2206 4976 4637 2086 2184]
selected outputs: [[520000.]
 [530000.]
 [740000.]
 [620000.]
 [575000.]
 [571000.]
 [480000.]
 [376000.]
 [610000.]
 [564000.]]
Predicted value: 558600.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0163398   0.00269671  0.
  0.03401577  0.0116321   0.01390535  0.01884904  0.          0.01359859
  0.          0.01334734 -0.01342883  0.01305201  0.00350379]
distances: [0.0384776  0.07567739 0.04065536 … 0.03456955 0.03428947
0.03629935]
sorted indices: [3120 3196 3925 … 1107 5226 2486]
selected indices: [3120 3196 3925 1917 2398 1508 5510 2730 4844 1257]
selected outputs: [[589000.]
 [735000.]
 [422000.]
 [527900.]
 [465000.]
 [725995.]
 [388000.]
 [420000.]
 [485000.]
 [653000.]]
Predicted value: 541089.5


query set: [ 0.01345102  0.02326928  0.04819928  0.07185935  0.0088606   0.
  0.05102365  0.01550947  0.02259619  0.05895484  0.08903353  0.01303226
  0.06637461  0.01347039 -0.0134635   0.02533247  0.0035695 ]
distances: [0.1552129  0.12513529 0.15689494 … 0.14733347 0.14578293
0.15120391]
sorted indices: [3779 2614  151 … 1107 5226 2486]
selected indices: [3779 2614  151 1704 3569   66 4407  372 3356 2514]
```

```
selected outputs: [[ 805000.]
 [1245000.]
 [1950000.]
 [2650000.]
 [1680000.]
 [1505000.]
 [2225000.]
 [1355000.]
 [1800000.]
 [1140000.]]
Predicted value: 1635500.0


query set: [ 0.01345102  0.01551285  0.01506227  0.02075274  0.00430863  0.
  0.          0.0116321   0.01911985  0.02393965  0.          0.01361223
  0.          0.01344793 -0.01343862  0.02115325  0.00391104]
distances: [0.02737946 0.06938948 0.02900552 … 0.01468068 0.01099069
0.02262565]
sorted indices: [3455 4890 2864 … 1107 5226 2486]
selected indices: [3455 4890 2864 3447 3756 3275 2006 5391 4382  514]
selected outputs: [[965000.]
 [420000.]
 [746500.]
 [806000.]
 [740000.]
 [936000.]
 [616000.]
 [450000.]
 [856500.]
 [815000.]]
Predicted value: 735100.0


query set: [ 0.01345102  0.01163464  0.01506227  0.02039493  0.00533627  0.
  0.06803154  0.0116321   0.01738169  0.0165789   0.02584019  0.01358494
  0.          0.01345172 -0.0134395   0.02224628  0.00590834]
distances: [0.07659144 0.09746603 0.07650069 … 0.07375708 0.07350908
0.07535619]
sorted indices: [1106 1181 2085 … 1107 5226 2486]
selected indices: [1106 1181 2085  659 2880 3695 1836 4850 4849 3508]
selected outputs: [[1250000.]
 [1345000.]
 [ 732000.]
 [1619999.]
 [1400000.]
 [1989000.]
 [1615000.]
 [1505000.]
 [1411600.]
 [ 415000.]]
```

```
Predicted value: 1328259.9

query set: [ 0.01345102  0.01163464  0.01054359  0.00828917  0.00147741  0.
  0.          0.0116321   0.01216718  0.00639767  0.0117688   0.01351671
  0.          0.01348866 -0.01346823  0.00790836  0.001947  ]
distances: [0.01281467 0.06758618 0.01698545 … 0.01787262 0.0205036
0.01365498]
sorted indices: [4267 3579 4999 … 1107 5226 2486]
selected indices: [4267 3579 4999  730 2153 3500 2811 3453 3327  175]
selected outputs: [[459500.]
 [284000.]
 [415000.]
 [450000.]
 [315000.]
 [402000.]
 [186000.]
 [274000.]
 [315275.]
 [530000.]]
Predicted value: 363077.5

query set: [ 0.01345102  0.01939106  0.01506227  0.01377553  0.00266556  0.
  0.          0.0116321   0.01216718  0.00894297  0.02584019  0.01347577
  0.          0.01349624 -0.01345117  0.01240905  0.00336791]
distances: [0.02952861 0.06906632 0.03180561 … 0.02796747 0.0279768
0.02783169]
sorted indices: [ 123 2306 4170 … 1107 5226 2486]
selected indices: [ 123 2306 4170 4276 4798  961 1783 3513  198 1141]
selected outputs: [[475000.]
 [455000.]
 [427000.]
 [482000.]
 [361000.]
 [430000.]
 [292000.]
 [540000.]
 [350000.]
 [466000.]]
Predicted value: 427800.0

query set: [ 0.01345102  0.01551285  0.02259341  0.03488607  0.01125874  0.
  0.          0.01550947  0.02085802  0.03033732  0.03684146  0.01357812
  0.          0.0134474  -0.01344159  0.03105477  0.01468363]
distances: [0.06126216 0.08099586 0.06115368 … 0.05175427 0.04976984
0.05758085]
sorted indices: [2961 5222 1015 … 1107 5226 2486]
selected indices: [2961 5222 1015 4545 2462 3192 5520 1445  504 4654]
selected outputs: [[1450000.]
```

```
 [2998000.]
 [2500000.]
 [1650000.]
 [1157200.]
 [ 932808.]
 [1222500.]
 [2466350.]
 [1715000.]
 [1855000.]]
Predicted value: 1794685.8


query set: [ 0.01345102  0.01163464  0.01054359  0.0144315   0.00477124  0.
  0.         0.0116321   0.01390535  0.00949331  0.02660772  0.01348942
  0.         0.01338563 -0.01346812  0.01639538  0.00595255]
distances: [0.02950732 0.06912764 0.0296795  … 0.0281439  0.02878856
0.02913149]
sorted indices: [1431 3069 2293 … 1107 5226 2486]
selected indices: [1431 3069 2293 4728 1430  527 1479 2001 2075 2847]
selected outputs: [[ 420000.]
 [1100000.]
 [ 603500.]
 [ 705640.]
 [ 558000.]
 [ 875000.]
 [ 570000.]
 [ 500000.]
 [ 345000.]
 [ 825000.]]
Predicted value: 650214.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01991786  0.03968009  0.
  0.         0.0116321   0.01738169  0.02297656  0.          0.01368047
  0.         0.01346482 -0.01342299  0.02398226  0.05013527]
distances: [0.06685598 0.09186116 0.06562335 … 0.06271062 0.06179503
0.06706061]
sorted indices: [3949 4807 2861 … 1107 5226 2486]
selected indices: [3949 4807 2861 2343 4771 1380 4676 3468  353  284]
selected outputs: [[560000.]
 [760000.]
 [427000.]
 [651000.]
 [375000.]
 [864000.]
 [276500.]
 [369000.]
 [585000.]
 [499000.]]
Predicted value: 536650.0
```

```
query set: [ 0.01345102  0.01163464  0.0165685   0.01377553  0.00059392  0.
  0.          0.0116321   0.01738169  0.01389601  0.00741946  0.0137214
  0.          0.01344228 -0.01343598  0.01504517  0.00087412]
distances: [0.01780988 0.06705655 0.02016735 … 0.00872508 0.00971465
0.01138634]
sorted indices: [2938 5334 1500 … 1107 5226 2486]
selected indices: [2938 5334 1500 5133 5506 5385 3712 5001 3746 5213]
selected outputs: [[1065000.]
 [ 798500.]
 [ 925000.]
 [ 571000.]
 [ 589999.]
 [ 556000.]
 [ 666000.]
 [ 530000.]
 [ 420000.]
 [ 599000.]]
Predicted value: 672049.9


query set: [ 0.01345102  0.01551285  0.01054359  0.01490858  0.00224725  0.
  0.          0.0116321   0.01216718  0.00859901  0.03198044  0.01328472
  0.          0.01347554 -0.01347043  0.01080166  0.00283938]
distances: [0.03355107 0.07043214 0.03563038 … 0.03357635 0.03407682
0.03328693]
sorted indices: [3894 1238 2508 … 1107 5226 2486]
selected indices: [3894 1238 2508  728   78 3993 3124  559 4997 4660]
selected outputs: [[350000.]
 [325000.]
 [475000.]
 [599950.]
 [385000.]
 [656500.]
 [710000.]
 [760000.]
 [875000.]
 [315000.]]
Predicted value: 545145.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01186723  0.00111656  0.
  0.          0.0116321   0.01738169  0.0104564   0.01202464  0.01357812
  0.          0.01347217 -0.01347186  0.01099455  0.00249743]
distances: [0.01698548 0.06700655 0.02040835 … 0.0141254   0.01574131
0.01302634]
sorted indices: [5458  930 3110 … 1107 5226 2486]
selected indices: [5458  930 3110 4443 4329 2624 2840  463 4376 4026]
selected outputs: [[608000.]
 [625000.]
```

```
 [560000.]
 [330000.]
 [583000.]
 [285000.]
 [629950.]
 [327500.]
 [629950.]
 [395000.]]
Predicted value: 497340.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00781209  0.00166939  0.
  0.          0.0116321   0.01216718  0.00626008  0.01023374  0.0132779
  0.          0.01348413 -0.01346141  0.00848702  0.00194457]
distances: [0.01113485 0.06807433 0.01429032 … 0.01903652 0.02221372
0.01516138]
sorted indices: [ 355 3667 3459 … 1107 5226 2486]
selected indices: [ 355 3667 3459 3460 3984 2237 2821 2822 1958 2349]
selected outputs: [[345000.]
 [445434.]
 [180000.]
 [310000.]
 [326000.]
 [510000.]
 [245000.]
 [570000.]
 [299800.]
 [190000.]]
Predicted value: 342123.4


query set: [ 0.01345102  0.01163464  0.00602491  0.0062616   0.00173424  0.
  0.          0.01550947  0.01216718  0.00722317  0.          0.01300497
  0.          0.0134582  -0.01346218  0.00970864  0.00190035]
distances: [0.00423099 0.06888085 0.01020833 … 0.0157352  0.01860081 0.011085
]
sorted indices: [1152 1984 2039 … 1107 5226 2486]
selected indices: [1152 1984 2039 4817 4263 2809  330 2409 2017 2493]
selected outputs: [[690000.]
 [540000.]
 [355200.]
 [344950.]
 [457000.]
 [308000.]
 [130000.]
 [201500.]
 [237000.]
 [410000.]]
Predicted value: 367365.0
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.00745429  0.00254261  0.
  0.          0.01550947  0.01216718  0.00859901  0.          0.01337342
  0.          0.01342952 -0.01344181  0.00925857  0.00391347]
distances: [0.00436072 0.06859408 0.0109919  … 0.01475261 0.01756153
0.01106019]
sorted indices: [3177 1474 2552 … 1107 5226 2486]
selected indices: [3177 1474 2552 2409 1898 3008  330 4141 2886 2618]
selected outputs: [[445000.]
 [350000.]
 [385000.]
 [201500.]
 [239000.]
 [215000.]
 [130000.]
 [299000.]
 [345000.]
 [405000.]]
Predicted value: 301450.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01699578  0.0083447   0.
  0.          0.01550947  0.01564352  0.01960575  0.          0.01357129
  0.          0.01344267 -0.01344666  0.01594531  0.00514008]
distances: [0.02143682 0.06828944 0.02398016 … 0.01067098 0.00851654
0.01729321]
sorted indices: [2100 3238 2724 … 1107 5226 2486]
selected indices: [2100 3238 2724 1521 4308 3168 4461 4135 5231 3873]
selected outputs: [[787888.]
 [690000.]
 [795000.]
 [925000.]
 [730000.]
 [645000.]
 [870000.]
 [870000.]
 [750000.]
 [518000.]]
Predicted value: 758088.8

query set: [ 0.01345102  0.01163464  0.01355605  0.01461041  0.01594202  0.
  0.          0.0116321   0.01216718  0.0121762   0.01739736  0.01349624
  0.          0.01342972 -0.01339779  0.00861561  0.04911999]
distances: [0.05315761 0.08240903 0.05355627 … 0.05241345 0.05283416
0.05420377]
sorted indices: [  26 5439 4378 … 1107 5226 2486]
selected indices: [  26 5439 4378 2235 2330 3055  229 1064 2203 1650]
selected outputs: [[314000.]
 [625000.]
 [650000.]
```

```
 [291000.]
 [429000.]
 [535000.]
 [325000.]
 [845000.]
 [349900.]
 [280000.]]
Predicted value: 464390.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00900478  0.00160518  0.
  0.          0.0116321   0.01216718  0.01038761  0.          0.01302544
  0.          0.01348198 -0.01346064  0.01080166  0.0016225 ]
distances: [0.00379436 0.06817732 0.01065276 … 0.01216132 0.01496052
0.00941742]
sorted indices: [ 299 3605  750 … 1107 5226 2486]
selected indices: [ 299 3605  750 2482 4530 2860 2168 4454 1529 2888]
selected outputs: [[505000.]
 [427500.]
 [464000.]
 [357000.]
 [523000.]
 [470000.]
 [420000.]
 [268000.]
 [340000.]
 [273000.]]
Predicted value: 404750.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00632124  0.00160518  0.
  0.          0.0116321   0.01216718  0.00729196  0.          0.01335978
  0.          0.01344199 -0.01346691  0.00784406  0.00186588]
distances: [0.00141928 0.06881395 0.01107371 … 0.01587332 0.01886611
0.01049836]
sorted indices: [1378  664   45 … 1107 5226 2486]
selected indices: [1378  664   45    0 4622 2808 5005  409 1215 3493]
selected outputs: [[450000.]
 [406000.]
 [560000.]
 [221900.]
 [217450.]
 [522000.]
 [400000.]
 [235000.]
 [369950.]
 [340000.]]
Predicted value: 372230.0


query set: [ 0.01345102  0.00775643  0.00903736  0.00852771  0.00261227  0.
```

```
    0.          0.0116321    0.01216718   0.00777351   0.0076753    0.01319602
    0.          0.01349893  -0.01345986   0.00919427   0.00330057]
distances: [0.00934778 0.06756983 0.01271935 … 0.01519577 0.01875515
0.01158279]
sorted indices: [2821 2822 3657 … 1107 5226 2486]
selected indices: [2821 2822 3657 3068 2349 1885 1091 5366  908 3474]
selected outputs: [[245000.]
 [570000.]
 [550000.]
 [370000.]
 [190000.]
 [441000.]
 [525000.]
 [450000.]
 [436500.]
 [386500.]]
Predicted value: 416400.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00739465   0.00298564  0.
  0.          0.0116321    0.01216718   0.00853022   0.          0.01333248
  0.          0.01341566  -0.0134646    0.00803695   0.00377231]
distances: [0.00204911 0.06853852 0.01122639 … 0.0148091  0.01772902
0.01057913]
sorted indices: [1195  769   79 … 1107 5226 2486]
selected indices: [1195  769   79 3086  562 1417 1390 4119  676 2595]
selected outputs: [[190000.]
 [170000.]
 [255000.]
 [222000.]
 [467000.]
 [422000.]
 [322500.]
 [400000.]
 [250000.]
 [325000.]]
Predicted value: 302350.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00650014   0.00317826  0.
  0.          0.01550947   0.01216718   0.00749834   0.          0.01333931
  0.          0.01348331  -0.01344556   0.01105884   0.00422621]
distances: [0.00522309 0.06881103 0.00915754 … 0.01527525 0.0180188
0.01176399]
sorted indices: [ 556 1636 1595 … 1107 5226 2486]
selected indices: [ 556 1636 1595 1935 2723 1606 4624 1898 4108  985]
selected outputs: [[306000.]
 [354500.]
 [248000.]
 [206000.]
```

```
 [402500.]
 [397500.]
 [330000.]
 [239000.]
 [416000.]
 [215000.]]
Predicted value: 311450.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00894515  0.00203441  0.
  0.          0.01938684  0.01216718  0.01031882  0.          0.01332566
  0.          0.01349805 -0.01346229  0.00912998  0.00257045]
distances: [0.00883703 0.0683664  0.01425472 … 0.01336845 0.01612512 0.0103347
]
sorted indices: [4260 4821 2262 … 1107 5226 2486]
selected indices: [4260 4821 2262 1024 4503 4092 3506  257  190 1353]
selected outputs: [[310000.]
 [380000.]
 [650000.]
 [565000.]
 [211000.]
 [393500.]
 [592000.]
 [255000.]
 [310000.]
 [195000.]]
Predicted value: 386150.0


query set: [ 0.01345102  0.01939106  0.01204982  0.01139015  0.00393719  0.
  0.          0.01550947  0.01216718  0.006948    0.02302591  0.01339389
  0.          0.01346224 -0.01344269  0.01093025  0.00372323]
distances: [0.02596009 0.06889572 0.02850687 … 0.02678344 0.02713178 0.0256742
]
sorted indices: [2280 1425 3889 … 1107 5226 2486]
selected indices: [2280 1425 3889 4690 2672 2319 1586 2909 4606  365]
selected outputs: [[400000.]
 [750000.]
 [497500.]
 [418000.]
 [405000.]
 [274000.]
 [480000.]
 [233000.]
 [446950.]
 [542000.]]
Predicted value: 444645.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01449114  0.00374649  0.
  0.          0.01550947  0.01216718  0.00914935  0.02814278  0.01349624
```

```
   0.          0.01349893 -0.01345304  0.0101587   0.00424446]
distances: [0.03215397 0.06951638 0.03439948 … 0.03006977 0.03063717
0.02982743]
sorted indices: [2161 2150 1222 … 1107 5226 2486]
selected indices: [2161 2150 1222 1575  962  496 4770 2000 4866 3643]
selected outputs: [[380000.]
 [549950.]
 [475000.]
 [313100.]
 [525000.]
 [485000.]
 [360000.]
 [252500.]
 [299000.]
 [405000.]]
Predicted value: 404455.0


query set: [ 0.01345102  0.00387821  0.00602491  0.00566526  0.00339817  0.
  0.          0.0116321   0.01042901  0.00653525  0.          0.0131619
  0.          0.01348934 -0.01346064  0.00900138  0.00286209]
distances: [0.00840157 0.06940064 0.00948463 … 0.01824299 0.02242881
0.01403833]
sorted indices: [1028 4585 2509 … 1107 5226 2486]
selected indices: [1028 4585 2509 3188 2430  513 3241  966 1786 3434]
selected outputs: [[135000.]
 [351000.]
 [124000.]
 [299000.]
 [411000.]
 [200000.]
 [395000.]
 [395000.]
 [261000.]
 [295000.]]
Predicted value: 286600.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01270211  0.00128415  0.
  0.          0.0116321   0.01216718  0.01465272  0.          0.01301862
  0.          0.01348292 -0.0134635   0.01292342  0.0016225 ]
distances: [0.01142344 0.06741576 0.01532844 … 0.00420421 0.00782178
0.00733511]
sorted indices: [4920 4853 1545 … 1107 5226 2486]
selected indices: [4920 4853 1545   69 3472  208 1079 2269 5481 3714]
selected outputs: [[252500.]
 [365000.]
 [495000.]
 [328000.]
 [405000.]
```

```
 [449950.]
 [289500.]
 [273000.]
 [580000.]
 [564800.]]
Predicted value: 400275.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01490858  0.00355387  0.
  0.03401577  0.01550947  0.01390535  0.00894297  0.03070122  0.01340072
  0.          0.0133873  -0.01346471  0.0160739   0.00449027]
distances: [0.04837919 0.0781107  0.04890793 … 0.04675713 0.04685184 0.0472218
]
sorted indices: [2513 3554  424 … 1107 5226 2486]
selected indices: [2513 3554  424  237 2862 2762 1422 2922 2765  100]
selected outputs: [[575000.]
 [439000.]
 [415000.]
 [285000.]
 [435000.]
 [812000.]
 [350000.]
 [514500.]
 [740000.]
 [795000.]]
Predicted value: 536050.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0119865   0.00220135  0.
  0.          0.01550947  0.01564352  0.00997486  0.01432724  0.01333931
  0.          0.01347333 -0.01346251  0.01530235  0.00258383]
distances: [0.01967132 0.06726914 0.02066552 … 0.01607504 0.01731589
0.01640402]
sorted indices: [4230 4043 1175 … 1107 5226 2486]
selected indices: [4230 4043 1175 2054 4346 4966 3778 1249 1231 4427]
selected outputs: [[339000.]
 [910000.]
 [605000.]
 [850000.]
 [780000.]
 [620000.]
 [327000.]
 [298700.]
 [525000.]
 [525000.]]
Predicted value: 577970.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01574346  0.00383863  0.
  0.          0.0116321   0.01564352  0.01554702  0.00972205  0.01349624
  0.          0.01347585 -0.01344115  0.01697404  0.00512751]
```

distances: [0.02075583 0.06700056 0.02194409 … 0.01106693 0.01127081
0.01588369]
sorted indices: [3746 4421 2585 … 1107 5226 2486]
selected indices: [3746 4421 2585 1500 4843 3501 2362 2938 1267 4427]
selected outputs: [[420000.]
 [842500.]
 [750000.]
 [925000.]
 [579000.]
 [1810000.]
 [580000.]
 [1065000.]
 [588500.]
 [525000.]]
Predicted value: 808500.0

query set: [0.01345102 0.01551285 0.01355605 0.0121654   0.00266942 0.
  0.   0.01550947 0.01390535 0.01018123 0.01432724 0.01335978
  0.   0.01349242 -0.01346878 0.01498087 0.00362629]
distances: [0.01920098 0.06725362 0.0209098 … 0.01648537 0.01698692 0.0169695
]
sorted indices: [1899 1131 4019 … 1107 5226 2486]
selected indices: [1899 1131 4019 4006 2163 4201 1175 133 2987 4238]
selected outputs: [[487000.]
 [275000.]
 [330000.]
 [635000.]
 [355000.]
 [592100.]
 [605000.]
 [295000.]
 [629000.]
 [430000.]]
Predicted value: 463310.0

query set: [0.01345102 0.01163464 0.00903736 0.0121654   0.002167   0.
  0.   0.0116321   0.01216718 0.00880539 0.01944411 0.01330519
  0.   0.01349061 -0.01346856 0.01266623 0.00273797]
distances: [0.02075232 0.06767174 0.02234986 … 0.0216757 0.02313649
0.02110783]
sorted indices: [3372 3810 154 … 1107 5226 2486]
selected indices: [3372 3810 154 4972 2205 3142 882 1874 4021 2283]
selected outputs: [[350000.]
 [240000.]
 [638700.]
 [580000.]
 [520000.]
 [430000.]

```
 [338500.]
 [343000.]
 [500000.]
 [700000.]]
Predicted value: 464020.0


query set: [ 0.01345102  0.00775643  0.01204982  0.007991    0.00171754  0.
  0.          0.0116321   0.01390535  0.00921814  0.          0.01324378
  0.          0.01347282 -0.0134723   0.01420933  0.00217009]
distances: [0.00937057 0.06817054 0.00946093 … 0.00980627 0.01385686
0.00712042]
sorted indices: [2097  649 3122 … 1107 5226 2486]
selected indices: [2097  649 3122 3148 1620  866 2688  386 4872  226]
selected outputs: [[335000.]
 [509000.]
 [490000.]
 [468000.]
 [437000.]
 [445000.]
 [269000.]
 [390000.]
 [289999.]
 [650000.]]
Predicted value: 428299.9


query set: [ 0.01345102  0.01163464  0.00602491  0.00650014  0.00104786  0.
  0.          0.01550947  0.01042901  0.00749834  0.          0.01343483
  0.          0.0133815  -0.01344798  0.00700822  0.00135073]
distances: [0.0047744  0.06896041 0.01252324 … 0.01683162 0.01987569
0.01157342]
sorted indices: [4314 1071 2160 … 1107 5226 2486]
selected indices: [4314 1071 2160 4829 1789 2551 1684 1044 2119 2103]
selected outputs: [[152500.]
 [192950.]
 [200000.]
 [ 90000.]
 [465000.]
 [160000.]
 [225000.]
 [240000.]
 [425000.]
 [440000.]]
Predicted value: 259045.0


query set: [ 0.01345102  0.01163464  0.01355605  0.010436    0.00050467  0.
  0.          0.0116321   0.01564352  0.01011244  0.00716362  0.01368047
  0.          0.01347605 -0.01346328  0.01549524  0.00123716]
distances: [0.01363554 0.06723318 0.0149425  … 0.01000632 0.0120784  0.0095354
```

```
]
sorted indices: [3791 4937 3542 … 1107 5226 2486]
selected indices: [3791 4937 3542 1294 3712 5457  395 2243 3902 4206]
selected outputs: [[500000.]
 [675000.]
 [460000.]
 [355000.]
 [666000.]
 [338000.]
 [409900.]
 [750000.]
 [246000.]
 [385000.]]
Predicted value: 478490.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01222503  0.00159748  0.
  0.          0.0116321   0.01390535  0.01410238  0.          0.01360541
  0.          0.01345317 -0.0134274   0.0131806   0.00209019]
distances: [0.01297806 0.06745854 0.01635014 … 0.00247059 0.0067646
0.00610838]
sorted indices: [1420  224  359 … 1107 5226 2486]
selected indices: [1420  224  359 1775 5302  569 3378 1460 3060 1339]
selected outputs: [[463000.]
 [470000.]
 [303700.]
 [359500.]
 [345500.]
 [612000.]
 [510000.]
 [368250.]
 [509950.]
 [515100.]]
Predicted value: 445700.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00882588  0.0019503   0.
  0.          0.01938684  0.01216718  0.00509062  0.01893242  0.01309367
  0.          0.01344265 -0.01345832  0.00790836  0.00245525]
distances: [0.02197455 0.06873742 0.02387267 … 0.02497545 0.02752294
0.02203064]
sorted indices: [3862 3317 2014 … 1107 5226 2486]
selected indices: [3862 3317 2014 3195 2412 4326 3530 3354  417  850]
selected outputs: [[467500.]
 [460000.]
 [369950.]
 [677915.]
 [353900.]
 [409000.]
 [475000.]
```

```
 [641000.]
 [512000.]
 [579000.]]
Predicted value: 494526.5


query set: [ 0.01345102  0.01163464  0.00903736  0.00733502  0.00240777  0.
  0.          0.0116321   0.01216718  0.00846143  0.          0.01338707
  0.          0.01341111 -0.01346438  0.00810125  0.00316388]
distances: [0.00326542 0.0682776  0.01155408 … 0.01312723 0.01636634
0.00778431]
sorted indices: [3614 3025 3021 … 1107 5226 2486]
selected indices: [3614 3025 3021  895 4714  578 3125 1985 4253 3466]
selected outputs: [[175000.]
 [205000.]
 [370000.]
 [200000.]
 [455000.]
 [280005.]
 [365000.]
 [342450.]
 [468000.]
 [265000.]]
Predicted value: 312545.5


query set: [ 0.01345102  0.01551285  0.01506227  0.01836737  0.00341775  0.
  0.          0.0116321   0.01564352  0.02118797  0.          0.01359859
  0.          0.01340053 -0.01344424  0.01761699  0.00405382]
distances: [0.02224385 0.06821789 0.02474201 … 0.00934151 0.00572826
0.01728922]
sorted indices: [5281 2629  879 … 1107 5226 2486]
selected indices: [5281 2629  879 4628 5079 4020 5107 4047 3080 3336]
selected outputs: [[524225.]
 [925000.]
 [695000.]
 [515500.]
 [535000.]
 [440000.]
 [810000.]
 [680000.]
 [725000.]
 [419000.]]
Predicted value: 626872.5


query set: [ 0.01345102  0.01163464  0.01204982  0.01490858  0.00964907  0.
  0.          0.01938684  0.01390535  0.01265775  0.01688567  0.01333248
  0.          0.01341863 -0.01346504  0.0160739   0.01216875]
distances: [0.02611001 0.06856666 0.02630538 … 0.02293778 0.02342215
0.02551809]
```

```
sorted indices: [ 943 3943 2445 … 1107 5226 2486]
selected indices: [ 943 3943 2445 1731  576 3958 1189 3491  506 1007]
selected outputs: [[778000.]
 [375000.]
 [645000.]
 [607500.]
 [510000.]
 [624000.]
 [495000.]
 [625000.]
 [390000.]
 [310597.]]
Predicted value: 536009.7


query set: [ 0.01345102  0.01551285  0.00602491  0.00697721  0.0017336   0.
  0.          0.01938684  0.01042901  0.00804868  0.          0.01332566
  0.          0.01343142 -0.01344688  0.00707252  0.00219038]
distances: [0.00897798 0.06925016 0.01566591 … 0.0180542  0.02009215
0.01385063]
sorted indices: [3093 4394  139 … 1107 5226 2486]
selected indices: [3093 4394  139 4444 4102   57  836 3557 1127 4125]
selected outputs: [[231000.]
 [364000.]
 [288000.]
 [219500.]
 [205000.]
 [615000.]
 [206000.]
 [235000.]
 [618000.]
 [276693.]]
Predicted value: 325819.3


query set: [ 0.01345102  0.01551285  0.01204982  0.01353699  0.00592312  0.
  0.          0.0116321   0.01216718  0.01561581  0.          0.01338025
  0.          0.01338458 -0.01345678  0.01382355  0.00748378]
distances: [0.0148589   0.06774953 0.01801587 … 0.00846312 0.00857077
0.01291001]
sorted indices: [4710 4731 2779 … 1107 5226 2486]
selected indices: [4710 4731 2779  187 4296 1533 5129  975 4499 1111]
selected outputs: [[524000.]
 [287500.]
 [442500.]
 [980000.]
 [470000.]
 [487600.]
 [353000.]
 [645000.]
```

```
 [500000.]
 [725000.]]
Predicted value: 541460.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01085344  0.00100163  0.
  0.          0.0116321   0.01216718  0.00687921  0.02097917  0.01362588
  0.          0.01344692 -0.0134581   0.0102873   0.00202853]
distances: [0.0249012   0.06828166 0.02736216 … 0.02387554 0.02498181
0.02204929]
sorted indices: [1986 3231 3602 … 1107 5226 2486]
selected indices: [1986 3231 3602 1509 2587 2431  596 1306 3651 4636]
selected outputs: [[328000.]
 [344500.]
 [228950.]
 [285000.]
 [462000.]
 [250600.]
 [264900.]
 [436000.]
 [550000.]
 [346500.]]
Predicted value: 349645.0


query set: [ 0.01345102  0.02326928  0.0165685   0.01723432  0.00240777  0.
  0.          0.01550947  0.01390535  0.01258896  0.02711941  0.01348259
  0.          0.01349304 -0.01345326  0.01208757  0.00304219]
distances: [0.03371982 0.06986851 0.03684228 … 0.03030181 0.02934168
0.03119882]
sorted indices: [  72 2339 2068 … 1107 5226 2486]
selected indices: [  72 2339 2068 1402  660 2215 1783 1308 2627  537]
selected outputs: [[315000.]
 [583000.]
 [440000.]
 [650000.]
 [603500.]
 [429300.]
 [292000.]
 [300000.]
 [402000.]
 [370000.]]
Predicted value: 438480.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00721575  0.00132941  0.
  0.          0.01550947  0.01216718  0.00626008  0.0076753   0.01325061
  0.          0.01348628 -0.01346999  0.00842272  0.00167969]
distances: [0.01065562 0.06796267 0.0139088  … 0.01669745 0.02029835
0.01177033]
sorted indices: [ 872  319  853 … 1107 5226 2486]
```

```
selected indices: [ 872  319  853 3915 1143 1772 5389 4540 5043 4228]
selected outputs: [[417000.]
 [585000.]
 [390000.]
 [340000.]
 [412000.]
 [515000.]
 [380950.]
 [550000.]
 [349000.]
 [313500.]]
Predicted value: 425245.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00888551  0.00054865  0.
  0.          0.0116321   0.01390535  0.01025002  0.          0.01367364
  0.          0.01349514 -0.01346086  0.00876992  0.00069321]
distances: [0.00984661 0.06789839 0.01554798 … 0.00940938 0.0128929
0.00114629]
sorted indices: [1716 4859 2092 … 1107 5226 2486]
selected indices: [1716 4859 2092 5452 2145 5523 5258 5311 5518 5238]
selected outputs: [[408000.]
 [425000.]
 [443600.]
 [375000.]
 [349950.]
 [467000.]
 [416286.]
 [563500.]
 [385000.]
 [599950.]]
Predicted value: 443328.6


query set: [ 0.01345102  0.00775643  0.01204982  0.00775246  0.00209155  0.
  0.          0.0116321   0.01390535  0.00894297  0.          0.01368047
  0.          0.01349245 -0.01342938  0.01054448  0.0024374 ]
distances: [0.00771323 0.06813453 0.01104864 … 0.01089149 0.01508877
0.00594321]
sorted indices: [1446 3749 1620 … 1107 5226 2486]
selected indices: [1446 3749 1620 3461 1469  866 3122 2688 2228 3148]
selected outputs: [[380000.]
 [381000.]
 [437000.]
 [398000.]
 [455000.]
 [445000.]
 [490000.]
 [269000.]
 [415000.]
```

```
[468000.]]
Predicted value: 413800.0


query set: [ 0.01345102  0.01163464  0.01204982  0.0119865   0.00537286  0.
  0.          0.01550947  0.01042901  0.01382721  0.          0.0131619
  0.          0.01350843 -0.01346669  0.01215187  0.00465536]
distances: [0.01192685 0.06763247 0.01512926 … 0.00814792 0.01101686
0.01011892]
sorted indices: [2101  294 1282 … 1107 5226 2486]
selected indices: [2101  294 1282 4819  637 2484 3884 1295  136  147]
selected outputs: [[285000.]
 [550000.]
 [460000.]
 [232603.]
 [340500.]
 [229950.]
 [334000.]
 [479000.]
 [342000.]
 [375000.]]
Predicted value: 362805.3


query set: [ 0.01345102  0.01163464  0.01355605  0.01985823  0.00643774  0.
  0.          0.0116321   0.01564352  0.02290777  0.          0.01342801
  0.06674206  0.01347313 -0.0134515   0.01845284  0.008134  ]
distances: [0.07112481 0.01734745 0.07163599 … 0.0679951  0.06770547
0.06997236]
sorted indices: [2968 1524   28 … 1107 5226 2486]
selected indices: [2968 1524   28  288 1315 1269 2441 3980 3551 2570]
selected outputs: [[1185000.]
 [ 599000.]
 [1088000.]
 [ 675000.]
 [ 772650.]
 [ 749000.]
 [ 808000.]
 [ 500000.]
 [ 975000.]
 [ 840000.]]
Predicted value: 819165.0


query set: [ 0.01345102  0.01551285  0.01054359  0.00942222  0.00116697  0.
  0.          0.01550947  0.01216718  0.00543458  0.02021164  0.01303226
  0.          0.01348445 -0.01346878  0.00765118  0.00147566]
distances: [0.0217716  0.06856689 0.02519304 … 0.02514621 0.0265379
0.02224084]
sorted indices: [1398  401 1051 … 1107 5226 2486]
selected indices: [1398  401 1051 4116 2098 1777 1119 4907 2969 3988]
```

```
selected outputs: [[525000.]
 [450000.]
 [423000.]
 [420000.]
 [433000.]
 [560000.]
 [639000.]
 [430000.]
 [635200.]
 [605000.]]
Predicted value: 512020.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01669761  0.00262929  0.
  0.          0.0116321   0.01390535  0.01169466  0.02814278  0.01344848
  0.          0.0135099  -0.01346845  0.01581672  0.00331193]
distances: [0.03242619 0.06929221 0.03371377 … 0.02890795 0.02882925
0.03023293]
sorted indices: [1405 3628 2035 … 1107 5226 2486]
selected indices: [1405 3628 2035 5049 3916 4596 1920 2238 1066 1062]
selected outputs: [[280500.]
 [469950.]
 [740000.]
 [495000.]
 [305000.]
 [492500.]
 [300000.]
 [825000.]
 [261500.]
 [615000.]]
Predicted value: 478445.0


query set: [ 0.01345102  0.01551285  0.01506227  0.015982    0.00294872  0.
  0.          0.0116321   0.01564352  0.01843628  0.          0.01357129
  0.          0.01345455 -0.01342707  0.01806706  0.00344984]
distances: [0.01968012 0.06799004 0.02172529 … 0.00683354 0.00276989
0.01449719]
sorted indices: [2543 2179 4403 … 1107 5226 2486]
selected indices: [2543 2179 4403  356 4098 5071 3427 5245  696 2524]
selected outputs: [[755000.]
 [594950.]
 [379000.]
 [690000.]
 [560000.]
 [610360.]
 [585000.]
 [572000.]
 [405000.]
 [352000.]]
```

```
Predicted value: 550331.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00822954  0.00160518  0.
  0.          0.0116321   0.01216718  0.00598491  0.01304802  0.01325743
  0.          0.01344327 -0.0134602   0.00932286  0.00202813]
distances: [0.01385213 0.06809854 0.01605557 … 0.02046933 0.02338956
0.01718774]
sorted indices: [3460 3459  355 … 1107 5226 2486]
selected indices: [3460 3459  355 2237 3667 1958 3707 2349 3984 4739]
selected outputs: [[310000.]
 [180000.]
 [345000.]
 [510000.]
 [445434.]
 [299800.]
 [557000.]
 [190000.]
 [326000.]
 [450000.]]
Predicted value: 361323.4

query set: [ 0.01345102  0.01163464  0.00602491  0.00739465  0.00115573  0.
  0.          0.0116321   0.01216718  0.00853022  0.          0.01297768
  0.          0.01346157 -0.01346075  0.01080166  0.00146025]
distances: [0.00251658 0.06850399 0.00941421 … 0.01373426 0.01661098
0.00971996]
sorted indices: [ 750  299 2726 … 1107 5226 2486]
selected indices: [ 750  299 2726 4682 1844 2168 1498 2224 2817 2903]
selected outputs: [[464000.]
 [505000.]
 [704000.]
 [215000.]
 [285000.]
 [420000.]
 [350000.]
 [233000.]
 [427000.]
 [400000.]]
Predicted value: 400300.0

query set: [ 0.01345102  0.01551285  0.01204982  0.0123443   0.00315322  0.
  0.          0.01938684  0.01216718  0.01423997  0.          0.01333931
  0.          0.01345235 -0.01344336  0.00835843  0.00388264]
distances: [0.01347298 0.06798878 0.01958204 … 0.01157207 0.01278012
0.01149991]
sorted indices: [1228 4977 4954 … 1107 5226 2486]
selected indices: [1228 4977 4954 3312 4187 2301 4389 3944  978 2334]
selected outputs: [[261000.]
```

```
 [835000.]
 [199900.]
 [305000.]
 [360000.]
 [415000.]
 [399000.]
 [565000.]
 [635000.]
 [300000.]]
Predicted value: 427490.0


query set: [ 0.01345102  0.01551285  0.01204982  0.0123443   0.00315322  0.
  0.          0.01938684  0.01216718  0.01423997  0.          0.01333931
  0.          0.01345235 -0.01344336  0.00835843  0.00388264]
distances: [0.01347298 0.06798878 0.01958204 … 0.01157207 0.01278012
0.01149991]
sorted indices: [1228 4977 4954 … 1107 5226 2486]
selected indices: [1228 4977 4954 3312 4187 2301 4389 3944  978 2334]
selected outputs: [[261000.]
 [835000.]
 [199900.]
 [305000.]
 [360000.]
 [415000.]
 [399000.]
 [565000.]
 [635000.]
 [300000.]]
Predicted value: 427490.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00781209  0.00091206  0.
  0.          0.0116321   0.01042901  0.00901177  0.          0.01367364
  0.          0.01339131 -0.01343037  0.0087442   0.00103434]
distances: [0.00763463 0.06819652 0.01214325 … 0.01221629 0.01662657
0.00647291]
sorted indices: [ 303  941 2566 … 1107 5226 2486]
selected indices: [ 303  941 2566 3155 2346  866 5345  699 5131 5100]
selected outputs: [[219000.]
 [222000.]
 [315000.]
 [239000.]
 [405000.]
 [445000.]
 [325000.]
 [400000.]
 [325000.]
 [325000.]]
Predicted value: 322000.0
```

```
query set: [ 0.01345102  0.01551285  0.01958096  0.01884444  0.00322417  0.
  0.03401577  0.0116321   0.01564352  0.02173831  0.          0.0137214
  0.          0.01349027 -0.01345414  0.02218198  0.00407369]
distances: [0.04338514 0.07705396 0.04387032 … 0.03638581 0.03537687
0.03985392]
sorted indices: [1508  336 4926 … 1107 5226 2486]
selected indices: [1508  336 4926 3790 3120 1031 4895  813 2643 2453]
selected outputs: [[ 725995.]
 [ 780000.]
 [1225000.]
 [ 740000.]
 [ 589000.]
 [1038000.]
 [ 865000.]
 [1901000.]
 [ 979700.]
 [1160000.]]
Predicted value: 1000369.5


query set: [ 0.01345102  0.01551285  0.01807473  0.01818847  0.00198368  0.
  0.          0.01550947  0.01564352  0.01602856  0.01842073  0.01314143
  0.          0.01346912 -0.0134592   0.01941727  0.00263859]
distances: [0.02881822 0.06808698 0.02987592 … 0.02066334 0.01964351
0.02434699]
sorted indices: [5469 3544 5456 … 1107 5226 2486]
selected indices: [5469 3544 5456 1382 3227 5431 4930 5255 2941 5299]
selected outputs: [[ 775000.]
 [ 870000.]
 [ 825750.]
 [ 550000.]
 [1149000.]
 [ 495000.]
 [1550000.]
 [ 540000.]
 [ 880000.]
 [ 540000.]]
Predicted value: 817475.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01222503  0.01098651  0.
  0.          0.01550947  0.01390535  0.01410238  0.          0.01357129
  0.          0.01350642 -0.01343037  0.01440221  0.02084913]
distances: [0.02528958 0.0705437  0.02615178 … 0.0214966  0.02145641
0.02440781]
sorted indices: [2217 2591 1025 … 1107 5226 2486]
selected indices: [2217 2591 1025  219 4903 3370 1801 3660 2597  162]
selected outputs: [[380000.]
 [597000.]
```

```
  [324888.]
  [460000.]
  [585000.]
  [570000.]
  [630000.]
  [500000.]
  [539000.]
  [265000.]]
Predicted value: 485088.8


query set: [ 0.01345102  0.01551285  0.01506227  0.01186723  0.00085396  0.
  0.          0.0116321   0.01390535  0.01368963  0.          0.01372823
  0.          0.01349929 -0.01344754  0.01279482  0.00108099]
distances: [0.01319567 0.06761678 0.01760551 … 0.00521409 0.00639852
0.00646438]
sorted indices: [4434 5031 5061 … 1107 5226 2486]
selected indices: [4434 5031 5061 5114 4669 2608 4993 5053 3432 3859]
selected outputs: [[364950.]
  [493000.]
  [349900.]
  [689500.]
  [449000.]
  [295000.]
  [578000.]
  [355000.]
  [420000.]
  [585000.]]
Predicted value: 457935.0


query set: [ 0.01345102  0.01163464  0.01958096  0.00727539  0.00041125  0.
  0.          0.0116321   0.01390535  0.00639767  0.00741946  0.01374187
  0.          0.01348176 -0.01346284  0.00837772  0.00154543]
distances: [0.01573517 0.06797509 0.01919566 … 0.01551731 0.01837446
0.00994614]
sorted indices: [5069 5501 5361 … 1107 5226 2486]
selected indices: [5069 5501 5361 5447 2771 5089 1080 4631 5377 1142]
selected outputs: [[388000.]
  [390000.]
  [514700.]
  [539900.]
  [470000.]
  [515000.]
  [395000.]
  [375000.]
  [300000.]
  [280000.]]
Predicted value: 416760.0
```

```
query set: [ 0.01345102  0.01163464  0.02108718  0.02289958  0.01723837  0.
  0.          0.0116321   0.01564352  0.02641617  0.          0.01361906
  0.          0.01349935 -0.0134318   0.02449662  0.0142703 ]
distances: [0.03819837 0.0729337  0.03764817 … 0.02689641 0.02527234
0.03417364]
sorted indices: [1192 4416  285 … 1107 5226 2486]
selected indices: [1192 4416  285 1260 1510  414 2763  225 3721  924]
selected outputs: [[ 925000.]
 [ 905000.]
 [1050000.]
 [ 895000.]
 [1110000.]
 [ 650000.]
 [ 950000.]
 [1100000.]
 [ 835000.]
 [ 775000.]]
Predicted value: 919500.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01031674  0.01497249  0.
  0.          0.0116321   0.01390535  0.01190103  0.          0.01358494
  0.          0.01342276 -0.01339592  0.01125173  0.01440294]
distances: [0.02089525 0.06968214 0.02205756 … 0.01885086 0.02018364
0.02022283]
sorted indices: [2548 1297 3850 … 1107 5226 2486]
selected indices: [2548 1297 3850 2350 2495 1193 1645  671  775 4736]
selected outputs: [[285000.]
 [460000.]
 [500000.]
 [570000.]
 [259500.]
 [565000.]
 [320000.]
 [399950.]
 [387000.]
 [475000.]]
Predicted value: 422145.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00727539  0.00096311  0.
  0.          0.0116321   0.01216718  0.00632887  0.0076753   0.01314143
  0.          0.01348524 -0.01346812  0.00816554  0.00121688]
distances: [0.00890675 0.06821379 0.01289893 … 0.01810002 0.02148212
0.01354672]
sorted indices: [ 908 2822 2821 … 1107 5226 2486]
selected indices: [ 908 2822 2821 1042 5179 1627 4228  355 1091 1945]
selected outputs: [[436500.]
 [570000.]
 [245000.]
```

```
 [579100.]
 [302860.]
 [473000.]
 [313500.]
 [345000.]
 [525000.]
 [345000.]]
Predicted value: 413496.0

query set: [ 0.01345102  0.01163464  0.01204982  0.00602307  0.0025349   0.
  0.          0.0116321   0.01216718  0.006948     0.          0.01353718
  0.          0.0134067  -0.01344787  0.00990152  0.00320282]
distances: [0.00646054 0.06842229 0.01082992 … 0.01292595 0.0163056
0.00678068]
sorted indices: [4848  421 1323 … 1107 5226 2486]
selected indices: [4848  421 1323 3037 1399 4304 4351 3149 2499  377]
selected outputs: [[200000.]
 [208000.]
 [250000.]
 [249900.]
 [260000.]
 [240000.]
 [224400.]
 [290000.]
 [306000.]
 [260000.]]
Predicted value: 248830.0

query set: [ 0.01345102  0.00775643  0.01054359  0.00912405  0.00160518  0.
  0.          0.01550947  0.01216718  0.00866781  0.00690777  0.01357129
  0.          0.01348331 -0.01346867  0.00945145  0.00202813]
distances: [0.01018516 0.0674903  0.01367306 … 0.01398458 0.01764343
0.01041138]
sorted indices: [3915 1772  319 … 1107 5226 2486]
selected indices: [3915 1772  319 4809 1845 1639 1869  872 4558 2361]
selected outputs: [[340000.]
 [515000.]
 [585000.]
 [640500.]
 [570000.]
 [550000.]
 [203000.]
 [417000.]
 [440000.]
 [585000.]]
Predicted value: 484550.0

query set: [ 0.01345102  0.01551285  0.02711209  0.02999606  0.00353878  0.
```

```
    0.03401577  0.0116321   0.01911985  0.02235743  0.04554014  0.01370094
    0.          0.0134541  -0.01345392  0.0234036   0.00466063]
distances: [0.06852978 0.08663586 0.06917418 … 0.06181351 0.06080196
0.06484268]
sorted indices: [4029 3138 2124 … 1107 5226 2486]
selected indices: [4029 3138 2124 5309   54  464  732  501  884  215]
selected outputs: [[ 570000.]
 [ 870000.]
 [ 452000.]
 [ 770000.]
 [1095000.]
 [ 975000.]
 [ 769000.]
 [ 740000.]
 [2095000.]
 [2250000.]]
Predicted value: 1058600.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00858734  0.00237695  0.
  0.          0.0116321   0.01042901  0.00742955  0.00921037  0.01308685
  0.          0.01344296 -0.01346966  0.01041589  0.00301623]
distances: [0.01048412 0.0678312  0.01470709 … 0.01742949 0.01917669
0.01463077]
sorted indices: [1944  271  494 … 1107 5226 2486]
selected indices: [1944  271  494  745 2270 4049 1912  893 4648 3828]
selected outputs: [[345000.]
 [260000.]
 [330000.]
 [265000.]
 [399950.]
 [325000.]
 [578000.]
 [372220.]
 [273500.]
 [320000.]]
Predicted value: 346867.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01311955  0.00272881  0.
  0.          0.01550947  0.01216718  0.0096309   0.02046748  0.01344848
  0.          0.01337918 -0.01342861  0.0087442   0.00359181]
distances: [0.02485231 0.06814255 0.02867743 … 0.0238731  0.02411948
0.02301412]
sorted indices: [2657 1586 4606 … 1107 5226 2486]
selected indices: [2657 1586 4606 4690 4909 1720 1740  158 1662 3280]
selected outputs: [[449500.]
 [480000.]
 [446950.]
 [418000.]
```

```
[279000.]
[224950.]
[509500.]
[442000.]
[330000.]
[290000.]]
Predicted value: 386990.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00572489  0.00165334  0.
  0.          0.01938684  0.01042901  0.00660404  0.          0.01331201
  0.          0.01343936 -0.01346889  0.00649386  0.00202813]
distances: [0.00931705 0.06960728 0.0137111  … 0.01941748 0.02292527
0.01452144]
sorted indices: [3244 4433 2089 … 1107 5226 2486]
selected indices: [3244 4433 2089  668 3701 4307 1428 1754 3270  196]
selected outputs: [[191000.]
 [416000.]
 [222900.]
 [205500.]
 [195000.]
 [191000.]
 [235000.]
 [280000.]
 [285950.]
 [565000.]]
Predicted value: 278735.0


query set: [ 0.01345102  0.01163464  0.01054359  0.010436    0.00166939  0.
  0.01700788  0.01550947  0.01390535  0.01203862  0.          0.01334613
  0.          0.0134901  -0.0134701   0.01324489  0.00210925]
distances: [0.01939482 0.0698842  0.0212886  … 0.01868481 0.02002534
0.01855864]
sorted indices: [4719 4910 1910 … 1107 5226 2486]
selected indices: [4719 4910 1910 3977 3774  825 3831 3397 1218 4442]
selected outputs: [[ 544000.]
 [ 324950.]
 [ 320000.]
 [ 448500.]
 [ 389000.]
 [ 600000.]
 [ 502000.]
 [1100000.]
 [ 600000.]
 [ 565000.]]
Predicted value: 539345.0


query set: [ 0.01345102  0.01939106  0.01054359  0.01204613  0.00163729  0.
  0.          0.01938684  0.01216718  0.00908056  0.01790904  0.01303909
```

```
   0.          0.01348784 -0.01346592  0.0072654   0.00206869]
distances: [0.02212392 0.0683458   0.02679565 … 0.02374051 0.0242084
0.02204323]
sorted indices: [ 547 2969 4983 … 1107 5226 2486]
selected indices: [ 547 2969 4983 2352  886   59 1493  761 4840 2098]
selected outputs: [[264950.]
 [635200.]
 [278000.]
 [279950.]
 [445000.]
 [423000.]
 [400375.]
 [430000.]
 [295000.]
 [433000.]]
Predicted value: 388447.5


query set: [ 0.01345102  0.01163464  0.01204982  0.01115162  0.00271019  0.
  0.          0.01938684  0.01216718  0.00729196  0.02072332  0.01314826
  0.          0.01348922 -0.01346812  0.01054448  0.00250433]
distances: [0.02341181 0.06835309 0.02529863 … 0.02437721 0.02597437
0.02293808]
sorted indices: [3865 3693  546 … 1107 5226 2486]
selected indices: [3865 3693  546 1886  337  735  701 3195 1478 2662]
selected outputs: [[667500.]
 [615000.]
 [399950.]
 [365000.]
 [317000.]
 [420000.]
 [555000.]
 [677915.]
 [652000.]
 [655000.]]
Predicted value: 532436.5


query set: [ 0.01345102  0.01551285  0.01054359  0.01097271  0.00296959  0.
  0.          0.01550947  0.01216718  0.00674163  0.02200254  0.01334613
  0.          0.01349251 -0.01346504  0.00977293  0.00375203]
distances: [0.0235966  0.06847629 0.02618002 … 0.02549064 0.02654452
0.02391959]
sorted indices: [1051  591 4876 … 1107 5226 2486]
selected indices: [1051  591 4876 1119 4116  365 3815 2909 4762 4907]
selected outputs: [[423000.]
 [437000.]
 [430000.]
 [639000.]
 [420000.]
```

```
 [542000.]
 [265000.]
 [233000.]
 [423000.]
 [430000.]]
Predicted value: 424200.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01777103  0.01390119  0.
  0.          0.01550947  0.01390535  0.01327688  0.02686357  0.01349624
  0.          0.01350809 -0.01343818  0.01858143  0.01456803]
distances: [0.03686977 0.0710918  0.03641537 … 0.03275512 0.03278273
0.03568729]
sorted indices: [2061 3462 1731 … 1107 5226 2486]
selected indices: [2061 3462 1731 3123 4524 4662 4217  502  451 1070]
selected outputs: [[710000.]
 [492000.]
 [607500.]
 [595000.]
 [583500.]
 [510000.]
 [585000.]
 [432000.]
 [368000.]
 [450000.]]
Predicted value: 533300.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0119865   0.00231146  0.
  0.          0.0116321   0.01390535  0.01382721  0.          0.01360541
  0.          0.01350076 -0.01345249  0.01266623  0.00292131]
distances: [0.01260642 0.06744692 0.01614315 … 0.00315806 0.00724705
0.00601994]
sorted indices: [1998 2638  359 … 1107 5226 2486]
selected indices: [1998 2638  359 1420 1233 1339 3328   56 3378 3737]
selected outputs: [[299995.]
 [324000.]
 [303700.]
 [463000.]
 [325000.]
 [515100.]
 [530000.]
 [560000.]
 [510000.]
 [475000.]]
Predicted value: 430579.5


query set: [ 0.01345102  0.00775643  0.01506227  0.01389479  0.00096311  0.
  0.05102365  0.0116321   0.01390535  0.01602856  0.          0.01306638
  0.06660844  0.01346063 -0.01346031  0.01131603  0.0016225 ]
```

distances: [0.08519383 0.05230718 0.08591535 … 0.08406966 0.08445249
0.08433365]
sorted indices: [998 999 3294 … 1107 5226 2486]
selected indices: [998 999 3294 4594 3869 4603 2974 1206 1310 3000]
selected outputs: [[550000.]
 [550000.]
 [787500.]
 [550000.]
 [699000.]
 [1250000.]
 [850000.]
 [154000.]
 [611900.]
 [1400000.]]
Predicted value: 740240.0

query set: [0.01345102 0.01163464 0.01506227 0.01478931 0.00160743 0.
  0.   0.0116321   0.01390535 0.01348325 0.01330386 0.01374187
  0.   0.01348951 -0.01346856 0.01060877 0.00316631]
distances: [0.01885538 0.06664237 0.0225169 … 0.0141332 0.01555231
0.01505015]
sorted indices: [3577 548 988 … 1107 5226 2486]
selected indices: [3577 548 988 3002 1110 1549 3110 1407 930 3945]
selected outputs: [[365000.]
 [852000.]
 [455000.]
 [490000.]
 [477590.]
 [250000.]
 [560000.]
 [266000.]
 [625000.]
 [339950.]]
Predicted value: 468054.0

query set: [0.01345102 0.01551285 0.01506227 0.01449114 0.00217213 0.
  0.   0.0116321   0.01390535 0.01671648 0.   0.01363953
  0.   0.01349856 -0.01346735 0.0117018   0.00274689]
distances: [0.01546607 0.0674778 0.02042942 … 0.00508667 0.00491047 0.009669
]
sorted indices: [3681 192 4831 … 1107 5226 2486]
selected indices: [3681 192 4831 4713 1535 1733 1241 3242 3479 1875]
selected outputs: [[470000.]
 [390000.]
 [497000.]
 [305000.]
 [321000.]
 [470101.]

```
 [487275.]
 [570000.]
 [700000.]
 [597000.]]
Predicted value: 480737.6


query set: [ 0.01345102  0.01163464  0.00903736  0.00960112  0.00330378  0.
  0.          0.01550947  0.01216718  0.01107553  0.          0.01338025
  0.          0.01334954 -0.01342784  0.00906568  0.00313508]
distances: [0.0065252  0.06793651 0.01310284 … 0.01114059 0.01416072 0.0084037
]
sorted indices: [1884 1794 3634 … 1107 5226 2486]
selected indices: [1884 1794 3634 1437  774 3179 2867 1550 1416 4234]
selected outputs: [[242000.]
 [470000.]
 [272000.]
 [419000.]
 [219950.]
 [432000.]
 [225000.]
 [590300.]
 [357500.]
 [237000.]]
Predicted value: 346475.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00846807  0.00256829  0.
  0.06803154  0.0116321   0.01216718  0.00976848  0.          0.01330519
  0.          0.01343846 -0.01345601  0.01144462  0.00336466]
distances: [0.06813802 0.09637013 0.06869016 … 0.06917106 0.06972419
0.06876901]
sorted indices: [4701 5203  472 … 1107 5226 2486]
selected indices: [4701 5203  472 3861 1714 4795  838 2981 3477 2806]
selected outputs: [[822500.]
 [580000.]
 [550000.]
 [715000.]
 [969000.]
 [490000.]
 [921000.]
 [425000.]
 [360500.]
 [324000.]]
Predicted value: 615700.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00745429  0.00260039  0.
  0.          0.0116321   0.01216718  0.00859901  0.          0.01331201
  0.06694248  0.01343413 -0.01346625  0.00835843  0.00331599]
distances: [0.06711077 0.01491397 0.06798988 … 0.06805627 0.0687419
```

```
0.06727479]
sorted indices: [2925 4315 4355 … 1107 5226 2486]
selected indices: [2925 4315 4355 3969 4797 2296 4402 4566 3770  492]
selected outputs: [[475000.]
 [465000.]
 [297950.]
 [267000.]
 [536000.]
 [510000.]
 [485000.]
 [291750.]
 [215500.]
 [400000.]]
Predicted value: 394320.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01085344  0.00100805  0.
  0.          0.01938684  0.01390535  0.01252016  0.          0.01329837
  0.06647482  0.01344134 -0.01347021  0.01305201  0.00223053]
distances: [0.06750381 0.01449253 0.06814391 … 0.0672262  0.06759554 0.0672307
]
sorted indices: [1254 3780 2807 … 1107 5226 2486]
selected indices: [1254 3780 2807 3595 3022  533 3007  442 2256 3842]
selected outputs: [[832500.]
 [521000.]
 [360000.]
 [375000.]
 [240000.]
 [439900.]
 [617000.]
 [561000.]
 [289900.]
 [370000.]]
Predicted value: 460630.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0083488   0.0039022   0.
  0.          0.01550947  0.01216718  0.0096309   0.          0.01348942
  0.          0.01345987 -0.01343312  0.01633108  0.00954111]
distances: [0.0124872  0.06857709 0.0112981   … 0.01268261 0.01486232
0.01320405]
sorted indices: [1712 1068 3208 … 1107 5226 2486]
selected indices: [1712 1068 3208 2196 4210 2506 2104 1112 4645  944]
selected outputs: [[204555.]
 [235000.]
 [890000.]
 [318000.]
 [249000.]
 [490000.]
 [453000.]
```

```
  [390000.]
  [369300.]
  [312500.]]
Predicted value: 391135.5


query set: [ 0.01345102  0.00775643  0.01204982  0.01115162  0.0020145   0.
  0.          0.0116321   0.01390535  0.01286412  0.          0.01366682
  0.          0.0134933  -0.01343136  0.01073737  0.00210925]
distances: [0.00992521 0.06761144 0.01404491 … 0.00723634 0.01171632
0.00628322]
sorted indices: [ 279 4602 4286 … 1107 5226 2486]
selected indices: [ 279 4602 4286 1854  760 4401 2688 2397  649 2175]
selected outputs: [[554000.]
  [548050.]
  [558000.]
  [554000.]
  [530000.]
  [489000.]
  [269000.]
  [375000.]
  [509000.]
  [509000.]]
Predicted value: 489505.0


query set: [ 0.01345102  0.01551285  0.0165685   0.00978003  0.00096311  0.
  0.          0.0116321   0.01216718  0.00687921  0.01637398  0.01353718
  0.          0.01345136 -0.01345909  0.00739399  0.00184357]
distances: [0.02014522 0.06779556 0.02410362 … 0.02077618 0.02232196
0.01760789]
sorted indices: [1871 1986  497 … 1107 5226 2486]
selected indices: [1871 1986  497 1391 2071 3646 1708 4016 3231 3793]
selected outputs: [[605000.]
  [328000.]
  [470000.]
  [355000.]
  [255000.]
  [579000.]
  [385000.]
  [412500.]
  [344500.]
  [671000.]]
Predicted value: 440500.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01699578  0.01174511  0.
  0.          0.0116321   0.01738169  0.01960575  0.          0.01355765
  0.          0.01350088 -0.01343917  0.02147473  0.01446905]
distances: [0.02742901 0.07009164 0.02679434 … 0.01827998 0.0171992
0.02476946]
```

```
sorted indices: [ 366 3184 3414 … 1107 5226 2486]
selected indices: [ 366 3184 3414 4079  678 2425  820 3839  255  113]
selected outputs: [[658588.]
 [845000.]
 [790000.]
 [560000.]
 [645000.]
 [375000.]
 [530000.]
 [690000.]
 [660000.]
 [632925.]]
Predicted value: 638651.3


query set: [ 0.01345102  0.01163464  0.00602491  0.01067454  0.00196474  0.
  0.          0.0116321   0.01042901  0.01231379  0.          0.01321649
  0.06560631  0.01343594 -0.01346504  0.00533653  0.00248243]
distances: [0.06594602 0.01499495 0.06749302 … 0.06710462 0.06775405 0.0665591
]
sorted indices: [2810 4282 2970 … 1107 5226 2486]
selected indices: [2810 4282 2970  492 4928 4315 1358 2982 2296 4927]
selected outputs: [[397500.]
 [260000.]
 [355000.]
 [400000.]
 [320000.]
 [465000.]
 [185850.]
 [717000.]
 [510000.]
 [168000.]]
Predicted value: 377835.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01472968  0.00296188  0.
  0.          0.0116321   0.01564352  0.01699165  0.          0.01358494
  0.          0.01350266 -0.01344666  0.01813136  0.00446715]
distances: [0.01812054 0.06783938 0.01911834 … 0.00498463 0.0049144
0.01291057]
sorted indices: [3716 2248 4495 … 1107 5226 2486]
selected indices: [3716 2248 4495 4363 3052 3892 4671 1486 4311 4953]
selected outputs: [[609000.]
 [650000.]
 [746000.]
 [399950.]
 [522500.]
 [425000.]
 [330000.]
 [572500.]
```

```
  [645000.]
  [660000.]]
Predicted value: 555995.0


query set: [ 0.01345102   0.01551285   0.0165685    0.01294065   0.00312786  0.
  0.          0.0116321    0.01216718   0.01492789   0.           0.01361223
  0.          0.01340014  -0.01343059   0.01073737   0.0031371 ]
distances: [0.01464459 0.06751772 0.01956011 … 0.00620733 0.00750341
0.00831438]
sorted indices: [2658 3800 4185 … 1107 5226 2486]
selected indices: [2658 3800 4185 3908 5292 1900  396  770 3713 3325]
selected outputs: [[375000.]
 [220000.]
 [337000.]
 [361500.]
 [440000.]
 [255000.]
 [420000.]
 [445000.]
 [310000.]
 [260000.]]
Predicted value: 342350.0


query set: [ 0.01345102   0.00775643   0.01054359   0.00602307   0.00046903  0.
  0.          0.0116321    0.01216718   0.00460907   0.00869868   0.01366682
  0.          0.01347653  -0.01347197   0.00964434   0.00101366]
distances: [0.01136099 0.0682074  0.01326625 … 0.01788013 0.02141469
0.01260855]
sorted indices: [3973  457 5254 … 1107 5226 2486]
selected indices: [3973  457 5254 1923 5271 3657 5389  853 4228 5204]
selected outputs: [[570000.]
 [368000.]
 [455000.]
 [367500.]
 [610000.]
 [550000.]
 [380950.]
 [390000.]
 [313500.]
 [343000.]]
Predicted value: 434795.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00739465   0.00182991  0.
  0.          0.01938684   0.01042901   0.00853022   0.           0.01332566
  0.          0.01343162  -0.01344655   0.0073297    0.00231206]
distances: [0.00806908 0.06903013 0.01412559 … 0.01716785 0.01996922 0.013128
]
sorted indices: [ 139 3557 1130 … 1107 5226 2486]
```

```
selected indices: [ 139 3557 1130 4444 3032 2321 3906  836 4102 3296]
selected outputs: [[288000.]
 [235000.]
 [400000.]
 [219500.]
 [206990.]
 [220000.]
 [387000.]
 [206000.]
 [205000.]
 [350000.]]
Predicted value: 271749.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00679831  0.00268579  0.
  0.          0.01938684  0.01042901  0.0078423   0.          0.01325743
  0.          0.01342712 -0.01344743  0.00617238  0.0029205 ]
distances: [0.00839176 0.06923204 0.01466232 … 0.01822152 0.02105995
0.01381534]
sorted indices: [ 139 4102  169 … 1107 5226 2486]
selected indices: [ 139 4102  169  836 4444 4406 1255 1897 3557 1670]
selected outputs: [[288000.]
 [205000.]
 [218000.]
 [206000.]
 [219500.]
 [189950.]
 [245000.]
 [330000.]
 [235000.]
 [234000.]]
Predicted value: 237045.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01419297  0.00080259  0.
  0.05102365  0.0116321   0.01564352  0.01637252  0.          0.01356447
  0.          0.01345444 -0.01346922  0.0145951   0.00202813]
distances: [0.05341747 0.08465605 0.0543877  … 0.05107337 0.05122642
0.05187656]
sorted indices: [3271  267 3236 … 1107 5226 2486]
selected indices: [3271  267 3236 4836 3599  361 1207 2590  183 1132]
selected outputs: [[ 770000.]
 [ 720000.]
 [ 610000.]
 [ 394250.]
 [ 538250.]
 [1131000.]
 [ 480000.]
 [1400000.]
 [ 865000.]
```

```
 [1236000.]]
Predicted value: 814450.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0081699   0.00348838  0.
  0.          0.01550947  0.01042901  0.00942452  0.          0.01327108
  0.          0.01348385 -0.013446    0.0101587   0.00578016]
distances: [0.00766986 0.06815972 0.01185078 … 0.01222229 0.01541446
0.00929678]
sorted indices: [3380 4086 2902 … 1107 5226 2486]
selected indices: [3380 4086 2902  446 1166  416 1598 3909 1338 4722]
selected outputs: [[235000.]
 [293000.]
 [240000.]
 [300000.]
 [270000.]
 [249950.]
 [310650.]
 [320000.]
 [215000.]
 [340000.]]
Predicted value: 277360.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00471111  0.00168223  0.
  0.          0.01550947  0.01042901  0.00543458  0.          0.01313461
  0.          0.01344225 -0.01345964  0.00919427  0.00215793]
distances: [0.00679078 0.06946088 0.00935085 … 0.01829967 0.02194902
0.01319453]
sorted indices: [2093 4747 2623 … 1107 5226 2486]
selected indices: [2093 4747 2623 4868 1514 2599  265  150  512   32]
selected outputs: [[342888.]
 [325000.]
 [338000.]
 [365000.]
 [295000.]
 [268500.]
 [315000.]
 [261000.]
 [409000.]
 [205425.]]
Predicted value: 312481.3


query set: [ 0.01345102  0.01163464  0.01506227  0.01144979  0.00294711  0.
  0.          0.0116321   0.01390535  0.01320808  0.          0.01356447
  0.          0.01342853 -0.01345337  0.01240905  0.00294159]
distances: [0.0120926  0.06748487 0.01563775 … 0.0040858   0.00797485
0.00559906]
sorted indices: [2638 3328 1998 … 1107 5226 2486]
selected indices: [2638 3328 1998 1233   56  307  359 1915  797 3378]
```

```
selected outputs: [[324000.]
 [530000.]
 [299995.]
 [325000.]
 [560000.]
 [298900.]
 [303700.]
 [236775.]
 [490000.]
 [510000.]]
Predicted value: 387837.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00524782  0.00102732  0.
  0.          0.0116321   0.01216718  0.00605371  0.          0.01303226
  0.06580673  0.01347822 -0.01347219  0.01208757  0.00243375]
distances: [0.06607432 0.01899995 0.0661    … 0.06780616 0.06874327
0.06689216]
sorted indices: [2401 3305 3034 … 1107 5226 2486]
selected indices: [2401 3305 3034 4031  140 2496  466 2421 3253  555]
selected outputs: [[370000.]
 [174950.]
 [370000.]
 [596000.]
 [190000.]
 [500000.]
 [256000.]
 [327000.]
 [305000.]
 [238000.]]
Predicted value: 332695.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00697721  0.00165334  0.
  0.          0.0116321   0.01042901  0.00674163  0.00486103  0.01301179
  0.          0.01344791 -0.01345909  0.01067307  0.00208897]
distances: [0.00692786 0.06830306 0.00903931 … 0.01643457 0.02002533
0.01250536]
sorted indices: [ 908 1280 1042 … 1107 5226 2486]
selected indices: [ 908 1280 1042 1147 1945  686 1091 4882 2529 1627]
selected outputs: [[436500.]
 [600000.]
 [579100.]
 [325000.]
 [345000.]
 [615000.]
 [525000.]
 [443000.]
 [649000.]
 [473000.]]
```

```
Predicted value: 499060.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01568382  0.05943346  0.
  0.          0.0116321   0.01564352  0.01809232  0.          0.01358494
  0.          0.01349123 -0.01341628  0.01690974  0.08534109]
distances: [0.1027331   0.12088998 0.10152747 … 0.10116866 0.10096973
0.10402722]
sorted indices: [3765 1259 3965 … 1107 5226 2486]
selected indices: [3765 1259 3965 4934 1488 2664  724 4385 1765 3959]
selected outputs: [[410000.]
 [559000.]
 [506000.]
 [365000.]
 [900000.]
 [774950.]
 [724950.]
 [545000.]
 [408506.]
 [687000.]]
Predicted value: 588040.6


query set: [ 0.01345102  0.00387821  0.00602491  0.00536709  0.00204821  0.
  0.          0.0116321   0.01042901  0.00619129  0.          0.01328472
  0.          0.01349078 -0.01346218  0.01176609  0.00258789]
distances: [0.00893061 0.06945957 0.00714223 … 0.01782656 0.0219473   0.0140521
]
sorted indices: [4585 2509 2430 … 1107 5226 2486]
selected indices: [4585 2509 2430  966  513 3188  541 1220 4887 1901]
selected outputs: [[351000.]
 [124000.]
 [411000.]
 [395000.]
 [200000.]
 [299000.]
 [192500.]
 [255000.]
 [250000.]
 [450000.]]
Predicted value: 292750.0


query set: [ 0.01345102  0.01551285  0.0165685   0.02391336  0.02810834  0.
  0.          0.0116321   0.01738169  0.02758564  0.          0.01367364
  0.          0.01341385 -0.01342773  0.01575885  0.08498779]
distances: [0.09164275 0.11049004 0.09160071 … 0.08836412 0.08768269
0.09199624]
sorted indices: [4385 1212 1787 … 1107 5226 2486]
selected indices: [4385 1212 1787 1058 4365 1064  724 2664  439 3959]
selected outputs: [[545000.]
```

```
   [371000.]
   [310000.]
   [550000.]
   [300000.]
   [845000.]
   [724950.]
   [774950.]
   [510000.]
   [687000.]]
Predicted value: 561790.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00858734  0.00291019  0.
  0.          0.01550947  0.01390535  0.00990606  0.          0.0134553
  0.          0.01349485 -0.0134646   0.01279482  0.00357437]
distances: [0.00802537 0.06804515 0.01104847 … 0.00993422 0.01281109
0.00775873]
sorted indices: [4144 3856  420 … 1107 5226 2486]
selected indices: [4144 3856  420 2923  277 2848 1129 1669 1642 2196]
selected outputs: [[390000.]
 [244000.]
 [549500.]
 [300000.]
 [245000.]
 [253000.]
 [413107.]
 [200000.]
 [595000.]
 [318000.]]
Predicted value: 350760.7


query set: [ 0.01345102  0.01551285  0.01506227  0.01979859  0.00301132  0.
  0.05102365  0.0116321   0.01738169  0.02283898  0.          0.01356447
  0.          0.0134522  -0.01344049  0.01845284  0.00477786]
distances: [0.05666869 0.08555405 0.05775761 … 0.05238659 0.05168356
0.05472415]
sorted indices: [ 361 1465 4192 … 1107 5226 2486]
selected indices: [ 361 1465 4192 3572 3599 3236 4168 5041 4836 1207]
selected outputs: [[1131000.]
 [ 810000.]
 [ 950000.]
 [ 805000.]
 [ 538250.]
 [ 610000.]
 [ 760000.]
 [ 915000.]
 [ 394250.]
 [ 480000.]]
Predicted value: 739350.0
```

```
query set: [ 0.01345102  0.00775643  0.00903736  0.00882588  0.00100163  0.
  0.          0.0116321   0.01216718  0.00639767  0.01407139  0.01305956
  0.0670427   0.01348131 -0.0134635   0.00642956  0.00153326]
distances: [0.06876842 0.01376356 0.06967189 … 0.07016077 0.07111295
0.06911948]
sorted indices: [2905 2826 1397 … 1107 5226 2486]
selected indices: [2905 2826 1397 2081 4861 4718 1118  742 4136 3064]
selected outputs: [[565000.]
 [315000.]
 [530000.]
 [186000.]
 [400000.]
 [529000.]
 [468000.]
 [230000.]
 [248500.]
 [501000.]]
Predicted value: 397250.0


query set: [ 0.01345102  0.01551285  0.02108718  0.02039493  0.01580237  0.
  0.          0.0116321   0.01564352  0.0235269   0.          0.01367364
  0.          0.01339222 -0.01342707  0.02301782  0.01996609]
distances: [0.0372221  0.07297615 0.03693815 … 0.02725523 0.0254812
0.03372132]
sorted indices: [5329 4416 3435 … 1107 5226 2486]
selected indices: [5329 4416 3435 1104  414 1192  285 2317 2715 3273]
selected outputs: [[ 925000.]
 [ 905000.]
 [ 896000.]
 [ 864000.]
 [ 650000.]
 [ 925000.]
 [1050000.]
 [ 685000.]
 [ 883000.]
 [ 818000.]]
Predicted value: 860100.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01210577  0.00231467  0.
  0.          0.01938684  0.01216718  0.00914935  0.01790904  0.01343483
  0.          0.01343557 -0.01344556  0.01273053  0.00306653]
distances: [0.02285029 0.06787458 0.02491129 … 0.02114629 0.02193606
0.02068809]
sorted indices: [1860 4980 4998 … 1107 5226 2486]
selected indices: [1860 4980 4998 1492  251 4919 4019 3497  133 4840]
selected outputs: [[366000.]
 [600000.]
```

```
    [529950.]
    [395000.]
    [930000.]
    [263000.]
    [330000.]
    [610000.]
    [295000.]
    [295000.]]
Predicted value: 461395.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01180759  0.00322674  0.
  0.          0.0116321   0.01216718  0.01362084  0.          0.01343483
  0.06690908  0.01338365 -0.01343928  0.00977293  0.00410695]
distances: [0.06773371 0.01180424 0.068978   … 0.06737597 0.06758721
0.06738881]
sorted indices: [3578  634 3842 … 1107 5226 2486]
selected indices: [3578  634 3842 3347 2970  442 2521  848 2256  626]
selected outputs: [[397950.]
 [340000.]
 [370000.]
 [492000.]
 [355000.]
 [561000.]
 [487000.]
 [700000.]
 [289900.]
 [737500.]]
Predicted value: 473035.0


query set: [ 0.01345102  0.01551285  0.01204982  0.0123443   0.00251371  0.
  0.01700788  0.01938684  0.01216718  0.00811747  0.02277007  0.01324378
  0.          0.01349188 -0.01345854  0.01536665  0.00317604]
distances: [0.03153173 0.07087166 0.03225551 … 0.03089838 0.03135345 0.0308735
]
sorted indices: [3147 2422 4727 … 1107 5226 2486]
selected indices: [3147 2422 4727  358 4028 3162  561  704 4177 3416]
selected outputs: [[305000.]
 [355000.]
 [648360.]
 [815000.]
 [710000.]
 [560000.]
 [700000.]
 [678000.]
 [735000.]
 [850000.]]
Predicted value: 635636.0
```

```
query set: [ 0.01345102  0.00775643  0.00903736  0.01395443  0.00429547  0.
  0.          0.01550947  0.01216718  0.00880539  0.02711941  0.01333248
  0.          0.01343416 -0.01346944  0.00958004  0.00328556]
distances: [0.02882732 0.06931021 0.03043525 … 0.0297312  0.03135718
0.02922275]
sorted indices: [4417 2642 3150 … 1107 5226 2486]
selected indices: [4417 2642 3150   18 4275 2895 3633 4469 2891  938]
selected outputs: [[435000.]
 [680000.]
 [367950.]
 [585000.]
 [280500.]
 [500000.]
 [515000.]
 [285000.]
 [485000.]
 [360000.]]
Predicted value: 449345.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01264247  0.00146328  0.
  0.          0.0116321   0.01216718  0.01458393  0.          0.01366
  0.          0.0133996  -0.01343037  0.01523806  0.00223337]
distances: [0.01463013 0.06762722 0.01747401 … 0.00452209 0.00515271
0.00894059]
sorted indices: [5417 3955  856 … 1107 5226 2486]
selected indices: [5417 3955  856 3483 3374 3290 4470  105 1165 4083]
selected outputs: [[385000.]
 [369950.]
 [414000.]
 [339995.]
 [280000.]
 [291375.]
 [419950.]
 [389000.]
 [325000.]
 [340000.]]
Predicted value: 355427.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01401406  0.00313941  0.
  0.          0.0116321   0.01738169  0.01616615  0.          0.01355765
  0.          0.01347359 -0.0134351   0.01735981  0.00423513]
distances: [0.01787212 0.0679707  0.0199545  … 0.00638891 0.00338479
0.01266118]
sorted indices: [3585 1388 1000 … 1107 5226 2486]
selected indices: [3585 1388 1000 3596  536 1760   64 4072 3026 1177]
selected outputs: [[740000.]
 [540000.]
 [600000.]
```

```
 [664000.]
 [632500.]
 [635000.]
 [592500.]
 [640000.]
 [372000.]
 [390000.]]
Predicted value: 580600.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00960112  0.00640949  0.
  0.          0.0116321   0.01216718  0.01107553  0.          0.01331884
  0.          0.01343637 -0.0134624   0.01350208  0.01151975]
distances: [0.01266963 0.06886218 0.0124783  … 0.0155938  0.01823321
0.01641303]
sorted indices: [4152 4060 2745 … 1107 5226 2486]
selected indices: [4152 4060 2745 2104 3562 4888  185 4645 2983 4601]
selected outputs: [[318000.]
 [129000.]
 [289571.]
 [453000.]
 [279900.]
 [279475.]
 [396000.]
 [369300.]
 [319900.]
 [240000.]]
Predicted value: 307414.6


query set: [ 0.01345102  0.01163464  0.01054359  0.01747285  0.08558411  0.
  0.          0.0116321   0.01390535  0.01678527  0.01253633  0.01361223
  0.          0.01348999 -0.01342211  0.01735981  0.1777502 ]
distances: [0.19556148 0.20475924 0.19424604 … 0.19493538 0.19476467
0.19744266]
sorted indices: [2956 2232 4531 … 5025 3922 1107]
selected indices: [2956 2232 4531 4496 4901 2336  724  948  282 4694]
selected outputs: [[350000.]
 [550000.]
 [345000.]
 [370000.]
 [858000.]
 [250000.]
 [724950.]
 [598600.]
 [590000.]
 [390000.]]
Predicted value: 502655.0


query set: [ 0.01345102  0.00775643  0.00602491  0.01031674  0.00204661  0.
```

```
   0.          0.01550947   0.01042901   0.01190103   0.          0.01327108
   0.          0.01344378  -0.01346845   0.00758688   0.00253516]
distances: [0.00770359 0.06828831 0.01383353 … 0.01404971 0.01761427 0.0117872
]
sorted indices: [1184  149  758 … 1107 5226 2486]
selected indices: [1184  149  758 3796 2626 4490 1804 3383 1010 3890]
selected outputs: [[267500.]
 [215000.]
 [320000.]
 [395000.]
 [398000.]
 [575000.]
 [222000.]
 [450000.]
 [525000.]
 [325000.]]
Predicted value: 369250.0


query set: [ 0.01345102   0.01163464   0.01506227   0.00876624   0.00144081   0.
   0.          0.01938684   0.01216718   0.01011244   0.          0.01350989
   0.          0.01349675  -0.01344578   0.00900138   0.00180138]
distances: [0.01222055 0.0682838  0.01667054 … 0.01216179 0.01520563
0.00817127]
sorted indices: [ 951 4487 3070 … 1107 5226 2486]
selected indices: [ 951 4487 3070 3201 3896 4459 1953 4258 3558 2630]
selected outputs: [[430000.]
 [355300.]
 [550000.]
 [352450.]
 [319000.]
 [386100.]
 [376500.]
 [665000.]
 [379000.]
 [495000.]]
Predicted value: 430835.0


query set: [ 0.01345102   0.01163464   0.01506227   0.00876624   0.00055892   0.
   0.          0.0116321    0.01390535   0.00804868   0.0076753    0.01367364
   0.          0.0134468   -0.01342784   0.00945145   0.0006421 ]
distances: [0.01231701 0.06735594 0.01647649 … 0.01302706 0.01591043 0.0080848
]
sorted indices: [4392 5278 5517 … 1107 5226 2486]
selected indices: [4392 5278 5517 5310 5121 5362 5511 4567 3289 2007]
selected outputs: [[379770.]
 [451300.]
 [490000.]
 [650000.]
```

```
 [341000.]
 [521500.]
 [530000.]
 [397500.]
 [388500.]
 [443750.]]
Predicted value: 459332.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0165187   0.01269025  0.
  0.          0.0116321   0.01564352  0.01905541  0.          0.01355765
  0.          0.01347596 -0.01343257  0.01935298  0.01437333]
distances: [0.02613242 0.06976774 0.02592705 … 0.01762548 0.01697699
0.02371435]
sorted indices: [2425  366 4079 … 1107 5226 2486]
selected indices: [2425  366 4079  678  820  255 1563  113 2564 3184]
selected outputs: [[375000.]
 [658588.]
 [560000.]
 [645000.]
 [530000.]
 [660000.]
 [390000.]
 [632925.]
 [652500.]
 [845000.]]
Predicted value: 594901.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01526638  0.00129057  0.
  0.          0.0116321   0.01564352  0.01761078  0.          0.01368729
  0.          0.01339219 -0.01343092  0.01935298  0.00199405]
distances: [0.01955569 0.06811124 0.02106308 … 0.00692961 0.00326781 0.0141183
]
sorted indices: [  49 5171 2136 … 1107 5226 2486]
selected indices: [  49 5171 2136 3427 5071 3113 1805 2207 5376 4072]
selected outputs: [[807100.]
 [778983.]
 [700000.]
 [585000.]
 [610360.]
 [375000.]
 [419900.]
 [700000.]
 [518380.]
 [640000.]]
Predicted value: 613472.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01675724  0.00197309  0.
  0.          0.0116321   0.01564352  0.01933058  0.          0.0136327
```

```
   0.          0.01340667 -0.01345084  0.01806706  0.00250676]
distances: [0.02045747 0.06805396 0.02272927 … 0.00737301 0.0032351
0.01509262]
sorted indices: [5139 1827 1805 … 1107 5226 2486]
selected indices: [5139 1827 1805  444 2136 3101  356 3113 4098 5376]
selected outputs: [[1035292.]
 [ 428900.]
 [ 419900.]
 [ 550000.]
 [ 700000.]
 [ 340000.]
 [ 690000.]
 [ 375000.]
 [ 560000.]
 [ 518380.]]
Predicted value: 561747.2


query set: [ 0.01345102  0.01163464  0.01355605  0.010436    0.00269671  0.
  0.          0.0116321   0.01216718  0.00928693  0.01023374  0.01340754
  0.          0.01342155 -0.01345788  0.01298771  0.00369524]
distances: [0.01400852 0.06696333 0.01582207 … 0.01284786 0.0152508  0.0117578
]
sorted indices: [  68 3282  463 … 1107 5226 2486]
selected indices: [  68 3282  463 4026 1450 4206 1400 2624 4329 3791]
selected outputs: [[279950.]
 [317000.]
 [327500.]
 [395000.]
 [289950.]
 [385000.]
 [385500.]
 [285000.]
 [583000.]
 [500000.]]
Predicted value: 374790.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01866554  0.01679726  0.
  0.          0.0116321   0.01564352  0.01671648  0.01790904  0.0137214
  0.          0.01346004 -0.01344545  0.02057459  0.00236074]
distances: [0.03393482 0.06989184 0.03403929 … 0.0257676  0.02471236
0.02988142]
sorted indices: [2503 1037 3983 … 1107 5226 2486]
selected indices: [2503 1037 3983  748 4057 3227  763  390  937 5216]
selected outputs: [[ 900000.]
 [ 740000.]
 [ 825000.]
 [ 590000.]
 [1190000.]
```

```
  [1149000.]
  [ 659500.]
  [ 610000.]
  [ 375000.]
  [ 998000.]]
Predicted value: 803650.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01091308  0.00196988  0.
  0.          0.0116321   0.01216718  0.01258896  0.          0.01357812
  0.          0.01339607 -0.01344787  0.01176609  0.00310871]
distances: [0.01083762 0.06759494 0.01573226 … 0.00671146 0.00860059
0.00635229]
sorted indices: [1326 4318 3635 … 1107 5226 2486]
selected indices: [1326 4318 3635  109 2681  833  156 3874 5177 4081]
selected outputs: [[350000.]
 [325000.]
 [355000.]
 [322500.]
 [400000.]
 [295000.]
 [338900.]
 [295000.]
 [216000.]
 [278000.]]
Predicted value: 317540.0


query set: [ 0.01345102  0.00775643  0.01506227  0.0081699   0.00036598  0.
  0.          0.0116321   0.01390535  0.00742955  0.00741946  0.01370776
  0.          0.0134918  -0.01346559  0.00861561  0.00042591]
distances: [0.01273805 0.06764046 0.01616581 … 0.01439677 0.01809655
0.00906142]
sorted indices: [ 851 5065 5413 … 1107 5226 2486]
selected indices: [ 851 5065 5413 5122 3640  815 5402 5117  293 2373]
selected outputs: [[553650.]
 [395000.]
 [529000.]
 [358000.]
 [405500.]
 [374950.]
 [294000.]
 [479000.]
 [285000.]
 [347000.]]
Predicted value: 402110.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01359662  0.00401231  0.
  0.          0.01550947  0.01564352  0.0156846   0.          0.01355765
  0.          0.01345314 -0.01342949  0.01498087  0.00358735]
```

distances: [0.01600506 0.06768387 0.01830568 … 0.00498141 0.0064812
0.01064565]
sorted indices: [3930 2478 117 … 1107 5226 2486]
selected indices: [3930 2478 117 363 2157 3197 773 1719 554 4826]
selected outputs: [[699000.]
 [643403.]
 [380000.]
 [719000.]
 [649950.]
 [412000.]
 [716000.]
 [560000.]
 [550000.]
 [716125.]]
Predicted value: 604547.8

query set: [0.01345102 0.01163464 0.01807473 0.01335809 0.00370348 0.
  0.   0.0116321   0.01216718 0.01540943 0.   0.01325743
  0.06697589 0.01343046 -0.01345491 0.01060877 0.00355328]
distances: [0.06879855 0.01147397 0.06982693 … 0.06722515 0.06756003
0.06752969]
sorted indices: [2410 3741 535 … 1107 5226 2486]
selected indices: [2410 3741 535 1798 848 3775 442 3007 2830 2931]
selected outputs: [[840000.]
 [797000.]
 [550000.]
 [738950.]
 [700000.]
 [865000.]
 [561000.]
 [617000.]
 [450000.]
 [1325000.]]
Predicted value: 744395.0

query set: [0.01345102 0.01163464 0.01054359 0.00822954 0.00147356 0.
  0.   0.00775473 0.01216718 0.00639767 0.01151296 0.01330519
  0.   0.01348575 -0.0134602   0.00848702 0.00190319]
distances: [0.01314031 0.0676759 0.01692426 … 0.01794096 0.02052332
0.01391919]
sorted indices: [3579 4267 4999 … 1107 5226 2486]
selected indices: [3579 4267 4999 730 2811 175 3453 2153 3500 3327]
selected outputs: [[284000.]
 [459500.]
 [415000.]
 [450000.]
 [186000.]
 [530000.]

```
 [274000.]
 [315000.]
 [402000.]
 [315275.]]
Predicted value: 363077.5


query set: [ 0.01345102  0.00775643  0.00602491  0.00542672  0.00184885  0.
  0.         0.0116321   0.01042901  0.00626008  0.          0.01331201
  0.         0.01349457 -0.0134592   0.00977293  0.00304949]
distances: [0.00510127 0.06911877 0.0079417  … 0.01691212 0.0206344
0.01220533]
sorted indices: [4395 3061 4462 … 1107 5226 2486]
selected indices: [4395 3061 4462 2234  860 4568 4452  816 4347 4801]
selected outputs: [[285000.]
 [325000.]
 [445000.]
 [235000.]
 [100000.]
 [115000.]
 [361600.]
 [230000.]
 [305000.]
 [200000.]]
Predicted value: 260160.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00983966  0.00309511  0.
  0.         0.0116321   0.01216718  0.0113507   0.          0.01353036
  0.         0.01349434 -0.01345337  0.01247335  0.00271809]
distances: [0.00844715 0.06765063 0.01200556 … 0.00709743 0.01069187
0.00567183]
sorted indices: [1423  534 2856 … 1107 5226 2486]
selected indices: [1423  534 2856 1678 3837 1075    4 2858  613 4877]
selected outputs: [[265000.]
 [272500.]
 [290000.]
 [267500.]
 [268000.]
 [167000.]
 [510000.]
 [276000.]
 [363000.]
 [250000.]]
Predicted value: 292900.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01490858  0.01131493  0.
  0.         0.0116321   0.01216718  0.01086915  0.0235376   0.01364635
  0.         0.01338883 -0.01344082  0.01324489  0.06237135]
distances: [0.06675383 0.09069689 0.06631438 … 0.06543793 0.06567654
```

0.06736961]
sorted indices: [1064   26 5439 … 1107 5226 2486]
selected indices: [1064   26 5439 1058 4451 4378 2203 2330 2235 4769]
selected outputs: [[845000.]
 [314000.]
 [625000.]
 [550000.]
 [600000.]
 [650000.]
 [349900.]
 [429000.]
 [291000.]
 [475000.]]
Predicted value: 512890.0

query set: [0.01345102 0.01163464 0.01506227 0.01681688 0.00327714 0.
  0.01700788 0.01550947 0.01390535 0.00969969 0.03607393 0.01333248
  0.   0.01350747 -0.01345656 0.00990152 0.0043337]
distances: [0.04238452 0.07371276 0.04406793 … 0.04098563 0.04159873
0.04108502]
sorted indices: [1427 3162   704 … 1107 5226 2486]
selected indices: [1427 3162   704 2802 4727 1916   625   561 4652 2422]
selected outputs: [[874000.]
 [560000.]
 [678000.]
 [699000.]
 [648360.]
 [860000.]
 [350000.]
 [700000.]
 [605000.]
 [355000.]]
Predicted value: 632936.0

query set: [0.01345102 0.01163464 0.01054359 0.01091308 0.00881823 0.
  0.   0.0116321   0.01216718 0.01258896 0.   0.01333248
  0.   0.01351157 -0.01345359 0.01195898 0.00412926]
distances: [0.01091142 0.0678713 0.01394247 … 0.00996922 0.01246707
0.01092715]
sorted indices: [667 1057 3687 … 1107 5226 2486]
selected indices: [667 1057 3687   381 2578   955 1758 4447 1334 2701]
selected outputs: [[352500.]
 [271500.]
 [500000.]
 [521000.]
 [290000.]
 [522000.]
 [265000.]

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```
 [284000.]
 [375000.]
 [362500.]]
Predicted value: 374350.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00846807  0.00160518  0.
  0.          0.0116321   0.01216718  0.00632887  0.01279217  0.01355765
  0.          0.01341083 -0.01346427  0.00900138  0.00304219]
distances: [0.01337034 0.06764132 0.01678298 … 0.01862126 0.02106185
0.01513854]
sorted indices: [3579 3500 3327 … 1107 5226 2486]
selected indices: [3579 3500 3327 4328  709 3453 2012 2457 4384 4052]
selected outputs: [[284000.]
 [402000.]
 [315275.]
 [357000.]
 [359950.]
 [274000.]
 [250000.]
 [453000.]
 [255000.]
 [360000.]]
Predicted value: 331022.5


query set: [ 0.01345102  0.01551285  0.01506227  0.01490858  0.06628566  0.
  0.          0.0116321   0.01738169  0.01719803  0.          0.01362588
  0.          0.01348396 -0.01342729  0.02366078  0.08463449]
distances: [0.10691915 0.12442182 0.1052387  … 0.10511872 0.10466762
0.10817468]
sorted indices: [3765 1259 4934 … 1107 5226 2486]
selected indices: [3765 1259 4934 1488 3965 2664  282 4694 1765 4483]
selected outputs: [[ 410000.]
 [ 559000.]
 [ 365000.]
 [ 900000.]
 [ 506000.]
 [ 774950.]
 [ 590000.]
 [ 390000.]
 [ 408506.]
 [1650000.]]
Predicted value: 655345.6


query set: [ 0.01345102  0.01551285  0.01204982  0.01496821  0.00439659  0.
  0.          0.01550947  0.01216718  0.00880539  0.03146875  0.01338025
  0.06684227  0.01349038 -0.0134471   0.00784406  0.00507031]
distances: [0.07485263 0.0232015  0.07609444 … 0.07489215 0.07516714
0.07468386]
```

```
sorted indices: [3836 2625 4322 … 1107 5226 2486]
selected indices: [3836 2625 4322 1696 3845 4239 1594 4874 4479  339]
selected outputs: [[397950.]
 [312500.]
 [414950.]
 [358000.]
 [270000.]
 [420000.]
 [885000.]
 [718500.]
 [770000.]
 [614000.]]
Predicted value: 516090.0


query set: [ 0.01345102  0.02326928  0.02560587  0.03411083  0.00327874  0.
  0.          0.0116321   0.01738169  0.02868631  0.03965574  0.01367364
  0.          0.0134468  -0.01344071  0.02764711  0.00414711]
distances: [0.06035332 0.08014153 0.06138095 … 0.05100242 0.04874037
0.05588875]
sorted indices: [1015 1445 4545 … 1107 5226 2486]
selected indices: [1015 1445 4545 5222 3192 1232 4654 5520  504 2961]
selected outputs: [[2500000.]
 [2466350.]
 [1650000.]
 [2998000.]
 [ 932808.]
 [2048000.]
 [1855000.]
 [1222500.]
 [1715000.]
 [1450000.]]
Predicted value: 1883765.8


query set: [ 0.01345102  0.01551285  0.01807473  0.01461041  0.00324792  0.
  0.          0.01938684  0.01390535  0.01086915  0.02225838  0.01342119
  0.          0.01345331 -0.01344247  0.01626679  0.00410695]
distances: [0.02911462 0.06866287 0.03011125 … 0.02472984 0.02478427
0.02592036]
sorted indices: [3187  478 1843 … 1107 5226 2486]
selected indices: [3187  478 1843  211 3759 3348  687 3497 2363 3216]
selected outputs: [[515000.]
 [762500.]
 [525000.]
 [760000.]
 [600000.]
 [481000.]
 [675000.]
 [610000.]
```

```
 [610000.]
 [627500.]]
Predicted value: 616600.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00584416  0.00204821  0.
  0.         0.0116321   0.01216718  0.0052282   0.00562856  0.01324378
  0.         0.01348798 -0.01346185  0.00893709  0.00258789]
distances: [0.00645823 0.06847863 0.01123654 … 0.01777067 0.02060293 0.0127656
]
sorted indices: [3269 3998 1848 … 1107 5226 2486]
selected indices: [3269 3998 1848 1157 1185  912 2411 4839 2889 4408]
selected outputs: [[235000.]
 [508300.]
 [280000.]
 [345000.]
 [333000.]
 [435000.]
 [197200.]
 [420000.]
 [335000.]
 [460000.]]
Predicted value: 354850.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01091308  0.00256829  0.
  0.         0.01550947  0.01216718  0.01258896  0.         0.01335295
  0.         0.01346244 -0.01344137  0.00842272  0.00304219]
distances: [0.00776523 0.06778278 0.01476417 … 0.01047568 0.01339252
0.00864354]
sorted indices: [4234 3418 3634 … 1107 5226 2486]
selected indices: [4234 3418 3634 3299 3170 1884 2484  637 2867 4787]
selected outputs: [[237000.]
 [440250.]
 [272000.]
 [725000.]
 [498000.]
 [242000.]
 [229950.]
 [340500.]
 [225000.]
 [443000.]]
Predicted value: 365270.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01395443  0.00192622  0.
  0.         0.01550947  0.01738169  0.01609735  0.         0.01311414
  0.         0.01345529 -0.01345953  0.01510947  0.00243375]
distances: [0.0183806   0.06822483  0.02219761 … 0.00939646 0.00611315
0.01325045]
sorted indices: [3043 2749 3191 … 1107 5226 2486]
```

```
selected indices: [3043 2749 3191 4721 3913  979 3911  901 1361 3924]
selected outputs: [[ 700000.]
 [ 998000.]
 [ 648000.]
 [ 808000.]
 [ 381500.]
 [1325000.]
 [ 660000.]
 [ 502500.]
 [ 520000.]
 [ 335000.]]
Predicted value: 687800.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00596343  0.00271918  0.
  0.          0.01550947  0.01042901  0.00687921  0.          0.01339389
  0.          0.0133787  -0.01346867  0.00655815  0.00343564]
distances: [0.00520657 0.0690951  0.01241996 … 0.01758623 0.0206199
0.01250849]
sorted indices: [3422 3702 3481 … 1107 5226 2486]
selected indices: [3422 3702 3481 1907 3970 1684 4148 2551 4094 2160]
selected outputs: [[172380.]
 [255000.]
 [180000.]
 [219900.]
 [160000.]
 [225000.]
 [201000.]
 [160000.]
 [285000.]
 [200000.]]
Predicted value: 205828.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01783066  0.00232141  0.
  0.          0.0116321   0.01564352  0.02056884  0.          0.01365317
  0.          0.0134513  -0.01343147  0.02031741  0.00338251]
distances: [0.02277765 0.06844773 0.02421874 … 0.00975656 0.00602356
0.01777897]
sorted indices: [3825 1368 4628 … 1107 5226 2486]
selected indices: [3825 1368 4628 5420 1325 5487 1246 5107 5054 3433]
selected outputs: [[499000.]
 [762500.]
 [515500.]
 [879950.]
 [600000.]
 [380000.]
 [475000.]
 [810000.]
 [889950.]
```

```
  [785000.]]
Predicted value: 659690.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00906442  0.00250408  0.
  0.          0.01550947  0.01216718  0.00770472  0.01023374  0.01342119
  0.          0.01339929 -0.01345986  0.01118743  0.003245  ]
distances: [0.0114914   0.06772486 0.01427908 … 0.01732339 0.01957302 0.0150282
]
sorted indices: [4889 2242 3465 … 1107 5226 2486]
selected indices: [4889 2242 3465   70   15 3200 3114 4492  476  471]
selected outputs: [[665000.]
 [235000.]
 [440000.]
 [235000.]
 [309000.]
 [225000.]
 [570000.]
 [253000.]
 [249000.]
 [367500.]]
Predicted value: 354850.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01508748  0.00274936  0.
  0.          0.01550947  0.01390535  0.0174044   0.          0.01348259
  0.          0.01345127 -0.01344479  0.01594531  0.00353462]
distances: [0.01916028 0.06812453 0.02244232 … 0.00922313 0.00592406
0.01448029]
sorted indices: [4167 3191 3456 … 1107 5226 2486]
selected indices: [4167 3191 3456 4842  453  106 3913 2894 1014  979]
selected outputs: [[ 779000.]
 [ 648000.]
 [ 382000.]
 [ 955000.]
 [ 372000.]
 [ 799000.]
 [ 381500.]
 [ 825000.]
 [ 359950.]
 [1325000.]]
Predicted value: 682645.0


query set: [ 0.01345102  0.01163464  0.00451868  0.00620197  0.00481554  0.
  0.          0.0116321   0.01042901  0.00715438  0.          0.01324378
  0.          0.01350831 -0.0134537   0.00906568  0.00770688]
distances: [0.00674275 0.06918909 0.01079621 … 0.0178216   0.02054636 0.014633
]
sorted indices: [2197 3562 4705 … 1107 5226 2486]
selected indices: [2197 3562 4705 1881 4368 4295 4152 4030 1757 1543]
```

```
selected outputs: [[139000.]
 [279900.]
 [217000.]
 [396480.]
 [212000.]
 [300000.]
 [318000.]
 [172500.]
 [280000.]
 [150000.]]
Predicted value: 246488.0


query set: [ 0.01345102  0.01163464  0.01204982  0.0062616   0.00587625  0.
  0.          0.01550947  0.01216718  0.00722317  0.          0.01332566
  0.          0.01338294 -0.01345755  0.01086596  0.00635817]
distances: [0.009531   0.06863055 0.01168014 … 0.01405693 0.01702557
0.01052878]
sorted indices: [4663 3867 3310 … 1107 5226 2486]
selected indices: [4663 3867 3310  446 1406 3843 4722 4086 1338  416]
selected outputs: [[349500.]
 [375000.]
 [475000.]
 [300000.]
 [406430.]
 [239000.]
 [340000.]
 [293000.]
 [215000.]
 [249950.]]
Predicted value: 324288.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01437187  0.01626177  0.
  0.          0.0116321   0.01216718  0.0165789   0.          0.01361223
  0.          0.01340975 -0.01347836  0.01221616  0.01472419]
distances: [0.02319579 0.06975163 0.02463352 … 0.01956881 0.02022956
0.02310579]
sorted indices: [3919  839 2350 … 1107 5226 2486]
selected indices: [3919  839 2350 3850 3338 3960 4823 2364 3580  610]
selected outputs: [[590000.]
 [496000.]
 [570000.]
 [500000.]
 [635000.]
 [483500.]
 [316000.]
 [510000.]
 [602500.]
 [575000.]]
```

Predicted value: 527800.0

query set: [0.01345102 0.01163464 0.02409964 0.01240394 0.00072233 0.
  0.06803154 0.0116321   0.01390535 0.01430876 0.   0.01362588
  0.   0.01347887 -0.01346702 0.01337348 0.00091266]
distances: [0.07107011 0.09640128 0.07178596 … 0.0686845 0.06896304
0.06890405]
sorted indices: [2378 5203 4795 … 1107 5226 2486]
selected indices: [2378 5203 4795 838 1817 3319 1714 472 267 4701]
selected outputs: [[780000.]
 [580000.]
 [490000.]
 [921000.]
 [995000.]
 [1260000.]
 [969000.]
 [550000.]
 [720000.]
 [822500.]]
Predicted value: 808750.0

query set: [0.01345102 0.00775643 0.00903736 0.00602307 0.00067482 0.
  0.   0.0116321   0.01216718 0.006948   0.   0.01353718
  0.   0.01347254 -0.01346922 0.00951575 0.00106761]
distances: [0.0054916 0.06872029 0.0095831 … 0.01464811 0.01859483
0.00878699]
sorted indices: [754 804 5052 … 1107 5226 2486]
selected indices: [754 804 5052   11 2600 5193 2449 5436 5266 4235]
selected outputs: [[430000.]
 [375000.]
 [299000.]
 [280000.]
 [305000.]
 [340000.]
 [615000.]
 [229800.]
 [289000.]
 [442000.]]
Predicted value: 360480.0

query set: [0.01345102 0.00775643 0.00602491 0.00530745 0.0015185   0.
  0.   0.0116321   0.01216718 0.0061225   0.   0.01324378
  0.   0.01348674 -0.01346548 0.00855131 0.00239481]
distances: [0.00470371 0.06916825 0.0093658 … 0.01715711 0.02081122
0.01183502]
sorted indices: [3540 118 2696 … 1107 5226 2486]
selected indices: [3540 118 2696 2471 3752 688 3742 4781 4516 3567]
selected outputs: [[415000.]

```
  [375000.]
  [480000.]
  [280000.]
  [420000.]
  [373500.]
  [378510.]
  [210000.]
  [290000.]
  [580000.]]
Predicted value: 380201.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01300028  0.00134835  0.
  0.          0.01938684  0.01390535  0.0104564   0.01688567  0.01323014
  0.          0.01347361 -0.01346119  0.01189469  0.00170363]
distances: [0.02138603 0.06752865 0.0237411  … 0.01955744 0.02089825
0.01921416]
sorted indices: [2662 2054 1490 … 1107 5226 2486]
selected indices: [2662 2054 1490 1478 4230  703 4980 4065 2305  652]
selected outputs: [[655000.]
 [850000.]
 [652450.]
 [652000.]
 [339000.]
 [645000.]
 [600000.]
 [215000.]
 [535000.]
 [419950.]]
Predicted value: 556340.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01675724  0.00834373  0.
  0.          0.0116321   0.01390535  0.01279533  0.02430513  0.0133666
  0.          0.01337692 -0.0134602   0.01298771  0.00654679]
distances: [0.02935561 0.06854664 0.03132599 … 0.02626784 0.02623059
0.02793625]
sorted indices: [ 327 3731 5049 … 1107 5226 2486]
selected indices: [ 327 3731 5049 1062 1045 3916   53 2000  470 4162]
selected outputs: [[500000.]
 [470000.]
 [495000.]
 [615000.]
 [523000.]
 [305000.]
 [835000.]
 [252500.]
 [700000.]
 [706000.]]
Predicted value: 540150.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.02045457  0.01398434  0.
  0.03401577  0.01938684  0.01738169  0.02359569  0.          0.01350306
  0.          0.01347401 -0.01344776  0.02378937  0.01802233]
distances: [0.0488525   0.08010573 0.04865552 … 0.04284693 0.04164637
0.04719017]
sorted indices: [ 191 3278   336 … 1107 5226 2486]
selected indices: [ 191 3278   336 4591 3790   602 3598 1031 1957 4895]
selected outputs: [[ 530000.]
 [ 590000.]
 [ 780000.]
 [1321625.]
 [ 740000.]
 [ 625000.]
 [ 950000.]
 [1038000.]
 [1250000.]
 [ 865000.]]
Predicted value: 868962.5


query set: [ 0.01345102  0.00775643  0.00602491  0.00840844  0.00144466  0.
  0.          0.0116321   0.01216718  0.00701679  0.0099779   0.01323014
  0.          0.01348693 -0.01347021  0.00835843  0.00182531]
distances: [0.01086859 0.06792862 0.01444533 … 0.0184117  0.02159141
0.01473675]
sorted indices: [ 355 3667 2821 … 1107 5226 2486]
selected indices: [ 355 3667 2821 2822 3459 3460 2237 3984 1958 1221]
selected outputs: [[345000.]
 [445434.]
 [245000.]
 [570000.]
 [180000.]
 [310000.]
 [510000.]
 [326000.]
 [299800.]
 [285000.]]
Predicted value: 351623.4


query set: [ 0.01345102  0.00775643  0.00602491  0.00655977  0.00115509  0.
  0.          0.01550947  0.01216718  0.00756713  0.          0.01314143
  0.          0.01345455 -0.0134624   0.00797265  0.00145944]
distances: [0.00567315 0.0689808   0.01118652 … 0.01653793 0.02014327
0.01162924]
sorted indices: [3593 2519 4001 … 1107 5226 2486]
selected indices: [3593 2519 4001 1243 4014 2380 3449 4789 4490 2009]
selected outputs: [[325000.]
 [393000.]
```

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```
 [500000.]
 [350000.]
 [375000.]
 [195000.]
 [409950.]
 [180000.]
 [575000.]
 [315000.]]
Predicted value: 361795.0


query set: [ 0.01345102  0.01551285   0.01506227   0.01282138   0.00246235   0.
  0.          0.01938684   0.01216718   0.00853022   0.02328176   0.01348259
  0.          0.01340376  -0.01344875   0.01035159   0.00298134]
distances: [0.02713767 0.06869191 0.02961224 … 0.02626595 0.02704691
0.02546039]
sorted indices: [ 484 1492   761 … 1107 5226 2486]
selected indices: [ 484 1492   761    59 3497    3 4730   289   290 2728]
selected outputs: [[411800.]
 [395000.]
 [430000.]
 [423000.]
 [610000.]
 [604000.]
 [680000.]
 [360000.]
 [550000.]
 [705000.]]
Predicted value: 516880.0


query set: [ 0.01345102  0.01551285   0.01506227   0.02588129   0.04544911   0.
  0.          0.0116321    0.01911985   0.02985577   0.          0.01359176
  0.          0.01348473  -0.01343323   0.0174884    0.03940161]
distances: [0.06582317 0.09027469 0.06605678 … 0.06072645 0.05956382
0.06551824]
sorted indices: [4807 1380 3949 … 1107 5226 2486]
selected indices: [4807 1380 3949 2343 1299 2861  349 2435 2358 4676]
selected outputs: [[760000.]
 [864000.]
 [560000.]
 [651000.]
 [730000.]
 [427000.]
 [788500.]
 [665000.]
 [850000.]
 [276500.]]
Predicted value: 657200.0
```

```
query set: [ 0.01345102  0.01163464  0.00903736  0.00936259  0.00033709  0.
  0.          0.0116321   0.01390535  0.01080036  0.          0.01306638
  0.          0.01347209 -0.01346713  0.01330919  0.00146025]
distances: [0.00704847 0.06794688 0.01087478 … 0.00904171 0.01189579
0.00704403]
sorted indices: [5206 1090 1092 … 1107 5226 2486]
selected indices: [5206 1090 1092 1073 3398 3355 1773 5202   20 2180]
selected outputs: [[274000.]
 [366000.]
 [926300.]
 [315000.]
 [690000.]
 [450000.]
 [303100.]
 [342000.]
 [549000.]
 [510000.]]
Predicted value: 472540.0


query set: [ 0.01345102  0.01939106  0.01958096  0.02355555  0.01426397  0.
  0.          0.0116321   0.01738169  0.01444634  0.04733105  0.01343483
  0.          0.01347472 -0.01344699  0.0248181   0.01860602]
distances: [0.05922804 0.08104853 0.05884036 … 0.05440772 0.05336085
0.05742869]
sorted indices: [1224  441 1823 … 1107 2486 5226]
selected indices: [1224  441 1823 3536 4429 4827 3321 3262 2919  485]
selected outputs: [[ 404000.]
 [ 440000.]
 [ 650000.]
 [ 772000.]
 [1802750.]
 [ 592500.]
 [ 600000.]
 [ 595000.]
 [ 935000.]
 [ 668000.]]
Predicted value: 745925.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00912405  0.00231146  0.
  0.          0.0116321   0.01390535  0.01052519  0.          0.01347577
  0.          0.01350979 -0.01346064  0.01382355  0.00292699]
distances: [0.00707442 0.06795709 0.00992545 … 0.00910902 0.01190422
0.00783578]
sorted indices: [1689 1073 4938 … 1107 5226 2486]
selected indices: [1689 1073 4938 1090 1266 3837 2180 2023  386 3846]
selected outputs: [[367500.]
 [315000.]
 [650000.]
```

```
 [366000.]
 [450000.]
 [268000.]
 [510000.]
 [305000.]
 [390000.]
 [169000.]]
Predicted value: 379050.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00876624  0.00246556  0.
  0.          0.0116321   0.01216718  0.00839264  0.00639609  0.0132779
  0.          0.01344149 -0.01346746  0.00945145  0.00275176]
distances: [0.00673166 0.06769546 0.01230479 … 0.01509327 0.01775005 0.0118159
]
sorted indices: [ 745 1746 4678 … 1107 5226 2486]
selected indices: [ 745 1746 4678  893  636 3998  271   80 1912 1554]
selected outputs: [[265000.]
 [250000.]
 [530100.]
 [372220.]
 [294000.]
 [508300.]
 [260000.]
 [780000.]
 [578000.]
 [345000.]]
Predicted value: 418262.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01204613  0.00856204  0.
  0.          0.0116321   0.01216718  0.01389601  0.          0.01355765
  0.          0.01336572 -0.01346207  0.01080166  0.00443713]
distances: [0.01396891 0.06769741 0.01743887 … 0.00855033 0.0111789
0.01028319]
sorted indices: [4913 5090 1758 … 1107 5226 2486]
selected indices: [4913 5090 1758 4588  667 1853  120 2812  202 2701]
selected outputs: [[464950.]
 [350000.]
 [265000.]
 [410000.]
 [352500.]
 [330000.]
 [196000.]
 [450000.]
 [315000.]
 [362500.]]
Predicted value: 349595.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01866554  0.01328513  0.
```

```
    0.          0.0116321   0.01564352  0.02153193  0.          0.01355083
    0.          0.01348128 -0.01343169  0.02012452  0.02226314]
distances: [0.03258781 0.0719941  0.03278763 … 0.02534162 0.02387935 0.0312109
]
sorted indices: [1104 2317 2273 … 1107 5226 2486]
selected indices: [1104 2317 2273 3467 3435  414 2715  308 3839 3730]
selected outputs: [[864000.]
 [685000.]
 [725000.]
 [785000.]
 [896000.]
 [650000.]
 [883000.]
 [699000.]
 [690000.]
 [696500.]]
Predicted value: 757350.0


query set: [ 0.01345102  0.00775643  0.01506227  0.01061491  0.00042088  0.
  0.          0.0116321   0.01390535  0.00928693  0.01100127  0.01368047
  0.          0.01348917 -0.01346537  0.00893709  0.0004977 ]
distances: [0.01550211 0.06717533 0.01886314 … 0.01489486 0.01809233
0.01185967]
sorted indices: [2373 4443 5413 … 1107 5226 2486]
selected indices: [2373 4443 5413  851 5432 5507 2298 5065 3680 2302]
selected outputs: [[347000.]
 [330000.]
 [529000.]
 [553650.]
 [559000.]
 [327000.]
 [440000.]
 [395000.]
 [500000.]
 [435000.]]
Predicted value: 441565.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00489001  0.0017336   0.
  0.          0.0116321   0.01042901  0.00564095  0.          0.01323696
  0.          0.01348956 -0.01346922  0.0088085   0.00228448]
distances: [0.00537224 0.06930557 0.00887147 … 0.01779734 0.0215305
0.01251149]
sorted indices: [ 860 1990  734 … 1107 5226 2486]
selected indices: [ 860 1990  734 1906 4813 4347 4568 1081 4462 4801]
selected outputs: [[100000.]
 [342000.]
 [205000.]
 [165000.]
```

```
 [405000.]
 [305000.]
 [115000.]
 [227000.]
 [445000.]
 [200000.]]
Predicted value: 250900.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01055527  0.00931134  0.
  0.          0.0116321   0.01390535  0.0121762   0.          0.0133666
  0.          0.01338289 -0.01346801  0.01478799  0.00995161]
distances: [0.01432758 0.06842276 0.01481997 … 0.01249828 0.0140733
0.01473528]
sorted indices: [3330 2104  498 … 1107 5226 2486]
selected indices: [3330 2104  498 1645 2350 4247 4918 2189 4327 1567]
selected outputs: [[667500.]
 [453000.]
 [325000.]
 [320000.]
 [570000.]
 [520000.]
 [229500.]
 [530000.]
 [482000.]
 [560000.]]
Predicted value: 465700.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00870661  0.00231467  0.
  0.          0.0116321   0.01216718  0.01004365  0.          0.01339389
  0.          0.0134709  -0.01344104  0.01189469  0.0030499 ]
distances: [0.00864862 0.06779981 0.01210063 … 0.00823738 0.01190453 0.0044475
]
sorted indices: [ 896 1075 1691 … 1107 5226 2486]
selected indices: [ 896 1075 1691 4015 4037 2541 2858 1408 5341 3386]
selected outputs: [[432250.]
 [167000.]
 [400000.]
 [468000.]
 [299950.]
 [280000.]
 [276000.]
 [258000.]
 [274500.]
 [366000.]]
Predicted value: 322170.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00727539  0.00047353  0.
  0.          0.0116321   0.01390535  0.00839264  0.          0.01364635
```

```
   0.          0.01348767 -0.01347142   0.00784406   0.0006271 ]
distances: [0.00949146 0.06826174 0.01527359 … 0.01189728 0.01527889 0.0034575
]
sorted indices: [4300 1707  340 … 1107 5226 2486]
selected indices: [4300 1707  340 1753 2843 4587 5453 1095 5234 1409]
selected outputs: [[445700.]
 [305000.]
 [340000.]
 [375000.]
 [375000.]
 [343000.]
 [344000.]
 [318000.]
 [540000.]
 [530000.]]
Predicted value: 391570.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00822954   0.00261548   0.
  0.          0.01550947   0.01216718   0.00949331   0.          0.01329154
  0.          0.01350175 -0.01346097   0.0087442    0.00330463]
distances: [0.00447671 0.06844231 0.01186441 … 0.01419244 0.01698801 0.0107371
]
sorted indices: [3298 3339 4179 … 1107 5226 2486]
selected indices: [3298 3339 4179 4141 4537 2775  983 3769 3512 2740]
selected outputs: [[295000.]
 [370000.]
 [380500.]
 [299000.]
 [206000.]
 [201000.]
 [410000.]
 [396000.]
 [479000.]
 [443000.]]
Predicted value: 347950.0


query set: [ 0.01345102   0.01551285   0.02108718   0.0226014    0.0022068    0.
  0.          0.0116321    0.01564352   0.02607221   0.          0.01371458
  0.          0.013489    -0.01343037   0.02166762   0.00265076]
distances: [0.03145486 0.07004354 0.03300474 … 0.0172098   0.01414127 0.0250045
]
sorted indices: [5272 5275 2589 … 1107 5226 2486]
selected indices: [5272 5275 2589 5092 5405 5522  862 4502 5279  650]
selected outputs: [[ 955000.]
 [1060000.]
 [ 790000.]
 [ 695000.]
 [ 882990.]
```

```
 [ 810000.]
 [ 762000.]
 [ 825000.]
 [ 852880.]
 [ 865000.]]
Predicted value: 849787.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01413333  0.01776005  0.
  0.          0.01550947  0.01390535  0.01630373  0.          0.01352353
  0.          0.01346615 -0.01343422  0.01665256  0.01685494]
distances: [0.02735139 0.0708006  0.02707533 … 0.0220612  0.02221239 0.0262009
]
sorted indices: [2464 3338 2364 … 1107 5226 2486]
selected indices: [2464 3338 2364 1454 2659 3709  822 1367 3505 3295]
selected outputs: [[450000.]
 [635000.]
 [510000.]
 [600000.]
 [575000.]
 [770000.]
 [580000.]
 [680000.]
 [695000.]
 [545000.]]
Predicted value: 604000.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01174796  0.00227872  0.
  0.          0.0116321   0.01216718  0.01355205  0.          0.01369411
  0.          0.01339341 -0.01343433  0.01266623  0.00217456]
distances: [0.01285338 0.06755985 0.01702356 … 0.00543321 0.00706107
0.00694501]
sorted indices: [ 685 4081  618 … 1107 5226 2486]
selected indices: [ 685 4081  618 3325  833 2308 5343  156 1685 3874]
selected outputs: [[369990.]
 [278000.]
 [322500.]
 [260000.]
 [295000.]
 [450000.]
 [335000.]
 [338900.]
 [340000.]
 [295000.]]
Predicted value: 328439.0


query set: [ 0.01345102  0.01163464  0.01355605  0.0144315   0.01011168  0.
  0.          0.01550947  0.01390535  0.01203862  0.01714151  0.01340072
  0.          0.01341733 -0.01344457  0.0131163   0.01236021]
```

```
distances: [0.02508284 0.06818911 0.02616108 … 0.0222972  0.02307556
0.02419709]
sorted indices: [3943  576 2043 … 1107 5226 2486]
selected indices: [3943  576 2043  241 1731  126 3958 4569  943  506]
selected outputs: [[375000.]
 [510000.]
 [368500.]
 [450000.]
 [607500.]
 [691100.]
 [624000.]
 [550000.]
 [778000.]
 [390000.]]
Predicted value: 534410.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00494965  0.00193168  0.
  0.          0.01550947  0.01042901  0.00570974  0.          0.01333248
  0.          0.01350342 -0.01346471  0.00861561  0.00244998]
distances: [0.00657972 0.06939863 0.0098177  … 0.01821037 0.02187522 0.0131118
]
sorted indices: [1514 4868 2093 … 1107 5226 2486]
selected indices: [1514 4868 2093 4747 2623   32 3699 4715  512  150]
selected outputs: [[295000.]
 [365000.]
 [342888.]
 [325000.]
 [338000.]
 [205425.]
 [320000.]
 [285000.]
 [409000.]
 [261000.]]
Predicted value: 314631.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01228467  0.00239975  0.
  0.          0.0116321   0.01390535  0.00990606  0.0158623   0.013544
  0.          0.01349794 -0.0134395   0.0146594   0.00340563]
distances: [0.02049985 0.06726343 0.02224323 … 0.01738969 0.01791437
0.01767084]
sorted indices: [2619 2987 4399 … 1107 5226 2486]
selected indices: [2619 2987 4399  270 2442 1123 1825 2772 1632 1298]
selected outputs: [[562000.]
 [629000.]
 [518000.]
 [283000.]
 [367500.]
 [564500.]
```

```
[300000.]
[435000.]
[445000.]
[470000.]]
Predicted value: 457400.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01675724  0.00202124  0.
  0.          0.0116321   0.01564352  0.01933058  0.          0.01373505
  0.          0.01343422 -0.01344457  0.01832425  0.00249054]
distances: [0.02057951 0.06808209 0.02273739 … 0.0074987  0.00338859
0.01523726]
sorted indices: [5139 1827  444 … 1107 5226 2486]
selected indices: [5139 1827  444 1805 2136 3113 5376  356 3101 4098]
selected outputs: [[1035292.]
 [ 428900.]
 [ 550000.]
 [ 419900.]
 [ 700000.]
 [ 375000.]
 [ 518380.]
 [ 690000.]
 [ 340000.]
 [ 560000.]]
Predicted value: 561747.2

query set: [ 0.01345102  0.00775643  0.00602491  0.00500928  0.00176891  0.
  0.          0.0116321   0.01216718  0.00577854  0.          0.01333931
  0.          0.01344067 -0.01347098  0.01048018  0.00223499]
distances: [0.00530135 0.06921839 0.00746447 … 0.01691983 0.0205143
0.01201497]
sorted indices: [4084 2367 3567 … 1107 5226 2486]
selected indices: [4084 2367 3567 2824 4516 3540  840 3795 2471 4452]
selected outputs: [[370000.]
 [412133.]
 [580000.]
 [500000.]
 [290000.]
 [415000.]
 [ 95000.]
 [337000.]
 [280000.]
 [361600.]]
Predicted value: 364073.3

query set: [ 0.01345102  0.01163464  0.01054359  0.01085344  0.00280586  0.
  0.          0.01550947  0.01390535  0.01252016  0.          0.01355765
  0.          0.01337921 -0.01347032  0.01420933  0.0033748 ]
distances: [0.01029183 0.06776846 0.01284669 … 0.00738687 0.00998839
```

```
0.00867023]
sorted indices: [3566 2335 3126 … 1107 5226 2486]
selected indices: [3566 2335 3126 1943  420  127 1413 1383 1274 1863]
selected outputs: [[681000.]
 [445000.]
 [359950.]
 [299900.]
 [549500.]
 [811000.]
 [485000.]
 [985000.]
 [525000.]
 [263000.]]
Predicted value: 540435.0


query set: [ 0.01345102  0.00387821  0.00602491  0.00548636  0.02936712  0.
  0.          0.0116321   0.01042901  0.00632887  0.          0.01361906
  0.06687568  0.01341897 -0.0134799   0.01122601  0.03710496]
distances: [0.08074141 0.04778569 0.07973482 … 0.08221658 0.08311197
0.08265606]
sorted indices: [ 891 4598 3100 … 1107 5226 2486]
selected indices: [ 891 4598 3100  240 2304 3539 2441 1109 3880 4988]
selected outputs: [[1008000.]
 [ 400000.]
 [ 552775.]
 [ 287653.]
 [ 667000.]
 [ 810000.]
 [ 808000.]
 [ 620000.]
 [ 492000.]
 [ 234000.]]
Predicted value: 587942.8


query set: [ 0.01345102  0.01163464  0.01506227  0.02134908  0.01748043  0.
  0.          0.0116321   0.01564352  0.02462757  0.          0.01357812
  0.          0.01340613 -0.01343158  0.01986734  0.01457938]
distances: [0.03307974 0.07152196 0.03340263 … 0.02387125 0.02259699
0.03066051]
sorted indices: [ 414 1681 1171 … 1107 5226 2486]
selected indices: [ 414 1681 1171 2715 4416 1260 2317 3839 1104 4905]
selected outputs: [[ 650000.]
 [1035000.]
 [ 898000.]
 [ 883000.]
 [ 905000.]
 [ 895000.]
 [ 685000.]
```

```
[ 690000.]
[ 864000.]
[ 890000.]]
Predicted value: 839500.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0098993   0.0007753   0.
  0.          0.0116321   0.01216718  0.01141949  0.          0.01353036
  0.          0.0133987  -0.01344424  0.01118743  0.00106436]
distances: [0.01048849 0.06766684 0.01469741 … 0.00693463 0.01081053
0.00258066]
sorted indices: [2789 4117 2575 … 1107 5226 2486]
selected indices: [2789 4117 2575 2780 3390 4656 3323 2913 3392  489]
selected outputs: [[442500.]
 [485000.]
 [280000.]
 [449000.]
 [461000.]
 [255950.]
 [256900.]
 [394000.]
 [452000.]
 [320000.]]
Predicted value: 379635.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01181952  0.00205656  0.
  0.          0.0116321   0.01390535  0.0136346   0.          0.01367364
  0.          0.0133951  -0.01344908  0.01504517  0.00263697]
distances: [0.01395275 0.06767765 0.01684112 … 0.00472199 0.00533017
0.00812869]
sorted indices: [2735 1766 2481 … 1107 5226 2486]
selected indices: [2735 1766 2481 3178 4993 2307 4810  645 4083 2498]
selected outputs: [[345000.]
 [316000.]
 [601000.]
 [348450.]
 [578000.]
 [329800.]
 [310000.]
 [545000.]
 [340000.]
 [374950.]]
Predicted value: 408820.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01156906  0.00327457  0.
  0.          0.0116321   0.01216718  0.00935573  0.01483892  0.01337342
  0.          0.01341255 -0.01345909  0.01247335  0.00413738]
distances: [0.01828798 0.06715156 0.02076532 … 0.01713781 0.01813563
0.01660847]
```

```
sorted indices: [1825 1123 2442 … 1107 5226 2486]
selected indices: [1825 1123 2442 3923 2738  897 2619  497 2987  721]
selected outputs: [[300000.]
 [564500.]
 [367500.]
 [383000.]
 [385000.]
 [249000.]
 [562000.]
 [470000.]
 [629000.]
 [450000.]]
Predicted value: 436000.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00751392  0.00326301  0.
  0.          0.01550947  0.01042901  0.00866781  0.          0.01340072
  0.          0.01342667 -0.01344258  0.00765118  0.00431585]
distances: [0.0067923  0.06832372 0.0129735  … 0.0136584  0.01696438
0.00897691]
sorted indices: [3623 1997 3670 … 1107 5226 2486]
selected indices: [3623 1997 3670 4372 4100  505 4207 3729 4607 3331]
selected outputs: [[295000.]
 [435000.]
 [185000.]
 [207500.]
 [239950.]
 [347000.]
 [345000.]
 [274000.]
 [210000.]
 [225000.]]
Predicted value: 276345.0


query set: [ 0.01345102  0.01551285  0.00903736  0.00852771  0.00204821  0.
  0.          0.01550947  0.01564352  0.00983727  0.          0.01316873
  0.          0.01349064 -0.0134624   0.00784406  0.00207356]
distances: [0.0075594  0.0683598  0.01560011 … 0.01318503 0.01483762 0.0089142
]
sorted indices: [ 635 1499  479 … 1107 5226 2486]
selected indices: [ 635 1499  479 4679  818  521  887  597 4884 1847]
selected outputs: [[679000.]
 [230000.]
 [520000.]
 [430000.]
 [658600.]
 [176250.]
 [355000.]
 [230000.]
```

```
 [560000.]
 [435000.]]
Predicted value: 427385.0


query set: [ 0.01345102  0.01551285  0.00903736  0.0121654   0.00336703  0.
  0.          0.0116321   0.01216718  0.00818626  0.0217467   0.01338025
  0.          0.01342115 -0.01345755  0.01260194  0.0042542 ]
distances: [0.02335588 0.0682073  0.02521502 … 0.0243858  0.0251324
0.02391746]
sorted indices: [3832 3394 2170 … 1107 5226 2486]
selected indices: [3832 3394 2170 2463 4833 4386 1785 1176 3978 4546]
selected outputs: [[423000.]
 [360000.]
 [293550.]
 [385000.]
 [559000.]
 [279000.]
 [424500.]
 [324000.]
 [343000.]
 [620047.]]
Predicted value: 401109.7


query set: [ 0.01345102  0.00775643  0.00602491  0.00542672  0.00160518  0.
  0.          0.01550947  0.01042901  0.00626008  0.          0.01305956
  0.          0.01348544 -0.01346911  0.00951575  0.00202813]
distances: [0.00633579 0.0692428  0.00918468 … 0.01741925 0.02108011
0.01263987]
sorted indices: [ 265 4868 2093 … 1107 5226 2486]
selected indices: [ 265 4868 2093 4747  373 2623  108  512 4396 4001]
selected outputs: [[315000.]
 [365000.]
 [342888.]
 [325000.]
 [302000.]
 [338000.]
 [352000.]
 [409000.]
 [747000.]
 [500000.]]
Predicted value: 399588.8


query set: [ 0.01345102  0.01551285  0.01355605  0.01526638  0.00286589  0.
  0.          0.0116321   0.01216718  0.01231379  0.01969995  0.01348259
  0.          0.01338843 -0.01345777  0.01234476  0.00392199]
distances: [0.02372498 0.0673649  0.0264248  … 0.02076421 0.02111221
0.02174659]
sorted indices: [1553 4011 1541 … 1107 5226 2486]
```

```
selected indices: [1553 4011 1541 2172  179  542   38 2342 1959 4833]
selected outputs: [[603000.]
 [277500.]
 [525000.]
 [432000.]
 [496500.]
 [800000.]
 [260000.]
 [525000.]
 [340000.]
 [559000.]]
Predicted value: 481800.0

query set: [ 0.01345102  0.00775643  0.00602491  0.01031674  0.00308516  0.
  0.          0.0116321   0.01216718  0.00949331  0.00895452  0.01338707
  0.          0.01337587 -0.01345931  0.00842272  0.00397999]
distances: [0.01060114 0.06751823 0.01470881 … 0.01644409 0.01954849
0.01425748]
sorted indices: [2821 2822 3667 … 1107 5226 2486]
selected indices: [2821 2822 3667 2270  271 1091  355  745 1746 2349]
selected outputs: [[245000.]
 [570000.]
 [445434.]
 [399950.]
 [260000.]
 [525000.]
 [345000.]
 [265000.]
 [250000.]
 [190000.]]
Predicted value: 349538.4

query set: [ 0.01345102  0.00775643  0.00903736  0.0062616   0.00029985  0.
  0.          0.0116321   0.01390535  0.00660404  0.00230259  0.01369411
  0.          0.01346278 -0.01346196  0.00945145  0.0007646 ]
distances: [0.0063859  0.06846805 0.01051457 … 0.01489503 0.01865113
0.00896594]
sorted indices: [5375 4381 2230 … 1107 5226 2486]
selected indices: [5375 4381 2230 1692 5464 2438 5436 2901 5519  804]
selected outputs: [[375000.]
 [401750.]
 [422250.]
 [313000.]
 [403000.]
 [365000.]
 [229800.]
 [289000.]
 [414500.]
```

```
 [375000.]]
Predicted value: 358830.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00745429  0.00297601  0.
  0.          0.01550947  0.01216718  0.00859901  0.          0.01329154
  0.          0.01349827 -0.01346526  0.0072654   0.00275825]
distances: [0.00582048 0.06877782 0.01191593 … 0.01601562 0.01959353
0.01181054]
sorted indices: [3870  149 4604 … 1107 5226 2486]
selected indices: [3870  149 4604 4789 2009 3593  138  608 4490 3097]
selected outputs: [[345000.]
 [215000.]
 [244000.]
 [180000.]
 [315000.]
 [325000.]
 [300000.]
 [254000.]
 [575000.]
 [339000.]]
Predicted value: 309200.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00906442  0.00218465  0.
  0.          0.01550947  0.01216718  0.00715438  0.01228049  0.01351671
  0.          0.01337449 -0.01346834  0.00925857  0.00285601]
distances: [0.01344851 0.0675673  0.0168971  … 0.01804777 0.02042048
0.01500896]
sorted indices: [1829 1226  476 … 1107 5226 2486]
selected indices: [1829 1226  476 1311 5018 3940 1677 2164  819 2690]
selected outputs: [[204000.]
 [224000.]
 [249000.]
 [279950.]
 [515000.]
 [370000.]
 [260000.]
 [265000.]
 [240000.]
 [440000.]]
Predicted value: 304695.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01657834  0.00154579  0.
  0.03401577  0.0116321   0.01738169  0.01912421  0.          0.01346895
  0.          0.01347805 -0.01345942  0.01813136  0.00202813]
distances: [0.0399791  0.07612591 0.04088146 … 0.03472281 0.03445469
0.03705657]
sorted indices: [ 813 1917 3790 … 1107 5226 2486]
selected indices: [ 813 1917 3790 3120 1508 2730 4844 2643 3423 3196]
```

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```
selected outputs: [[1901000.]
 [ 527900.]
 [ 740000.]
 [ 589000.]
 [ 725995.]
 [ 420000.]
 [ 485000.]
 [ 979700.]
 [ 850000.]
 [ 735000.]]
Predicted value: 795359.5


query set: [ 0.01345102   0.01163464   0.01054359   0.00685795   0.00335997   0.
  0.           0.01938684   0.01216718   0.00791109   0.           0.0133666
  0.           0.0134487   -0.01344743   0.00867991   0.00421201]
distances: [0.00931192 0.06874099 0.01375203 … 0.01512269 0.01803171
0.01090609]
sorted indices: [ 134 4319 1208 … 1107 5226 2486]
selected indices: [ 134 4319 1208 1625  256 3302 2424 3686  257 4459]
selected outputs: [[232000.]
 [421000.]
 [310000.]
 [350000.]
 [530000.]
 [320000.]
 [272000.]
 [430000.]
 [255000.]
 [386100.]]
Predicted value: 350610.0


query set: [ 0.01345102   0.01163464   0.01958096   0.01574346   0.00516547   0.
  0.03401577   0.01550947   0.01390535   0.01348325   0.01739736   0.01348259
  0.           0.01344426  -0.01345139   0.02372508   0.00608438]
distances: [0.04494544 0.07662064 0.04390635 … 0.04016985 0.04011195
0.04235202]
sorted indices: [2036 3798 4435 … 1107 5226 2486]
selected indices: [2036 3798 4435 2939  783 4096   34 4976 2206  397]
selected outputs: [[ 954500.]
 [ 839000.]
 [ 410000.]
 [ 760000.]
 [1125000.]
 [ 800000.]
 [ 660000.]
 [ 480000.]
 [ 571000.]
 [ 860000.]]
```

```
Predicted value: 745950.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00763319  0.00308195  0.
  0.          0.01550947  0.01216718  0.00880539  0.          0.01337342
  0.          0.01348804 -0.01344589  0.00970864  0.00405828]
distances: [0.00555562 0.06828637 0.01117702 … 0.01281661 0.01587894
0.00888438]
sorted indices: [4542 4128 2854 … 1107 5226 2486]
selected indices: [4542 4128 2854 3976 2194 1086 3703 4607 4724 2699]
selected outputs: [[245000.]
 [264950.]
 [220000.]
 [390000.]
 [244900.]
 [370000.]
 [417000.]
 [210000.]
 [550000.]
 [266200.]]
Predicted value: 317805.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01168833  0.00400525  0.
  0.          0.01550947  0.01390535  0.01348325  0.          0.01357129
  0.          0.01344259 -0.01344688  0.01575242  0.0049393 ]
distances: [0.01459303 0.06777815 0.01574132 … 0.00601243 0.00835723
0.00986714]
sorted indices: [1719  161 2517 … 1107 5226 2486]
selected indices: [1719  161 2517 3400  363 2157  117  136  811  997]
selected outputs: [[560000.]
 [370000.]
 [450000.]
 [720000.]
 [719000.]
 [649950.]
 [380000.]
 [342000.]
 [299000.]
 [675000.]]
Predicted value: 516495.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00757356  0.00664545  0.
  0.          0.00775473  0.01216718  0.00791109  0.00307012  0.01329154
  0.          0.01350653 -0.01346053  0.01279482  0.00608438]
distances: [0.00943749 0.06819643 0.01044415 … 0.0141396  0.01671984
0.01230255]
sorted indices: [ 984 1519 2104 … 1107 5226 2486]
selected indices: [ 984 1519 2104 4265 2957 4485  430  789 1245 4790]
selected outputs: [[357000.]
```

```
 [194000.]
 [453000.]
 [327000.]
 [315000.]
 [337000.]
 [365000.]
 [196000.]
 [395000.]
 [322500.]]
Predicted value: 326150.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00864698  0.00288194  0.
  0.          0.0116321   0.01390535  0.00997486  0.          0.01357812
  0.          0.01336513 -0.0134515   0.01549524  0.00358978]
distances: [0.01187243 0.06800423 0.01230765 … 0.0077058  0.01075661
0.00691285]
sorted indices: [3609  195   71 … 1107 5226 2486]
selected indices: [3609  195   71 1911   58  623 2502 1154 3340 4872]
selected outputs: [[280000.]
 [289950.]
 [516500.]
 [440000.]
 [256883.]
 [335000.]
 [315000.]
 [302500.]
 [265000.]
 [289999.]]
Predicted value: 329083.2


query set: [ 0.01345102  0.01163464  0.01355605  0.01335809  0.00282512  0.
  0.          0.01938684  0.01390535  0.01540943  0.          0.01335295
  0.          0.01346018 -0.01344688  0.01440221  0.0035695 ]
distances: [0.01578438 0.06788458 0.01824497 … 0.00807861 0.00961359
0.01183054]
sorted indices: [2989 2354  117 … 1107 5226 2486]
selected indices: [2989 2354  117 3197  554 1375 1200 4826 2640 4863]
selected outputs: [[ 510000.]
 [1065000.]
 [ 380000.]
 [ 412000.]
 [ 550000.]
 [ 890000.]
 [ 921000.]
 [ 716125.]
 [ 395000.]
 [ 720000.]]
Predicted value: 655912.5
```

```
query set: [ 0.01345102  0.02326928  0.01204982  0.01133052  0.00258659  0.
  0.          0.01550947  0.01216718  0.00804868  0.01867657  0.0133666
  0.          0.01350778 -0.01346482  0.01343778  0.00349892]
distances: [0.02406796 0.06868353 0.02671479 … 0.02401894 0.0235461
0.02342369]
sorted indices: [1662 1740 1646 … 1107 5226 2486]
selected indices: [1662 1740 1646 1307 2352 1586  919 2280 3048 2516]
selected outputs: [[330000.]
 [509500.]
 [417500.]
 [377691.]
 [279950.]
 [480000.]
 [337500.]
 [400000.]
 [435000.]
 [450000.]]
Predicted value: 401714.1

query set: [ 0.01345102  0.01163464  0.01506227  0.01371589  0.00237503  0.
  0.          0.0116321   0.01390535  0.01582218  0.          0.01365317
  0.          0.01344412 -0.0134143   0.01658826  0.00283248]
distances: [0.01590403 0.06759952 0.017457   … 0.00215933 0.0047516
0.01018359]
sorted indices: [1583 5471 5127 … 1107 5226 2486]
selected indices: [1583 5471 5127 1356 3268 4970 2359  387 5047 4137]
selected outputs: [[574000.]
 [330000.]
 [415000.]
 [335000.]
 [340000.]
 [523000.]
 [470000.]
 [432900.]
 [400000.]
 [445000.]]
Predicted value: 426490.0

query set: [ 0.01345102  0.02326928  0.01807473  0.01967932  0.00135413  0.
  0.          0.0116321   0.01390535  0.01513426  0.02814278  0.01344165
  0.          0.01347771 -0.01346581  0.00912998  0.00171093]
distances: [0.03585378 0.07019811 0.03987676 … 0.03170006 0.0306878
0.03273949]
sorted indices: [4978  537  488 … 1107 5226 2486]
selected indices: [4978  537  488  437   72  517 2837 2627 5243 4528]
selected outputs: [[1500000.]
 [ 370000.]
```

```
 [1125000.]
 [ 445000.]
 [ 315000.]
 [ 430000.]
 [1105000.]
 [ 402000.]
 [1500000.]
 [ 740000.]]
Predicted value: 793200.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01270211  0.00380203  0.
  0.          0.01550947  0.01564352  0.01465272  0.          0.0134553
  0.          0.0134438  -0.01345271  0.01530235  0.00472269]
distances: [0.01510862 0.06783597 0.01788083 … 0.00688373 0.00628409
0.01112926]
sorted indices: [2782  204   959 … 1107 5226 2486]
selected indices: [2782   204   959 2749 1571 4124 1975 1003 4440 3911]
selected outputs: [[ 305000.]
 [ 365000.]
 [ 586000.]
 [ 998000.]
 [ 350000.]
 [1058000.]
 [ 615000.]
 [ 375000.]
 [ 465000.]
 [ 660000.]]
Predicted value: 577700.0


query set: [ 0.01345102  0.01551285  0.01807473  0.0144315   0.00385244  0.
  0.          0.0116321   0.01564352  0.01664769  0.          0.01353718
  0.          0.01349779 -0.01343488  0.01993164  0.00528124]
distances: [0.02099899 0.06832797 0.02165078 … 0.00839929 0.00596599
0.01512265]
sorted indices: [1760 1000 4472 … 1107 5226 2486]
selected indices: [1760 1000 4472 4403 5245 2543 1388 4072 4796   221]
selected outputs: [[635000.]
 [600000.]
 [665000.]
 [379000.]
 [572000.]
 [755000.]
 [540000.]
 [640000.]
 [469950.]
 [675000.]]
Predicted value: 593095.0
```

```
query set: [ 0.01345102  0.00775643  0.00903736  0.01168833  0.00192622  0.
  0.          0.0116321   0.01390535  0.00832385  0.01918826  0.01331201
  0.          0.01348597 -0.0134646   0.01324489  0.00243375]
distances: [0.0209397   0.06786099 0.02166201 … 0.02186566 0.02385313
0.02117738]
sorted indices: [2996 2781  607 … 1107 5226 2486]
selected indices: [2996 2781  607 1264 3872 3372 3810  882 4972 2926]
selected outputs: [[500000.]
 [582500.]
 [575000.]
 [450000.]
 [457000.]
 [350000.]
 [240000.]
 [338500.]
 [580000.]
 [268000.]]
Predicted value: 434100.0

query set: [ 0.01345102  0.01163464  0.01355605  0.00870661  0.0003021   0.
  0.          0.0116321   0.01390535  0.01004365  0.          0.01368729
  0.          0.01349434 -0.01346713  0.00958004  0.00056747]
distances: [0.00851768 0.06790479 0.01420769 … 0.00933115 0.01278688
0.00165745]
sorted indices: [2133 3762 5028 … 1107 5226 2486]
selected indices: [2133 3762 5028 5336 4409 5208 4939 2755 1716 5198]
selected outputs: [[510000.]
 [513000.]
 [580000.]
 [565000.]
 [430000.]
 [467000.]
 [360000.]
 [436000.]
 [408000.]
 [439000.]]
Predicted value: 470800.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00542672  0.00257086  0.
  0.          0.0116321   0.01216718  0.00626008  0.          0.01344848
  0.          0.0134976  -0.01345216  0.00951575  0.00300325]
distances: [0.00281913 0.06899152 0.00915407 … 0.01627708 0.01921381
0.01128358]
sorted indices: [ 493 4266 3797 … 1107 5226 2486]
selected indices: [ 493 4266 3797  435 2885 1052 1020 4164 2742 4085]
selected outputs: [[133000.]
 [350000.]
 [335000.]
```

```
 [293000.]
 [128000.]
 [410000.]
 [339888.]
 [333000.]
 [194000.]
 [329950.]]
Predicted value: 284583.8

query set: [ 0.01345102  0.01551285  0.01355605  0.01121125  0.00096311  0.
  0.          0.0116321   0.01390535  0.01210741  0.00307012  0.01302544
  0.06604057  0.0134864  -0.01346636  0.01208757  0.00121688]
distances: [0.06702941 0.01007245 0.0680324  … 0.06644097 0.06661731
0.06634159]
sorted indices: [4468  535 1596 … 1107 5226 2486]
selected indices: [4468  535 1596 3578 4489 3347  442  119 3842  634]
selected outputs: [[447500.]
 [550000.]
 [670000.]
 [397950.]
 [605004.]
 [492000.]
 [561000.]
 [749000.]
 [370000.]
 [340000.]]
Predicted value: 518245.4

query set: [ 0.01345102  0.01551285  0.01506227  0.0182481   0.0026219   0.
  0.          0.0116321   0.01564352  0.02105038  0.          0.01368047
  0.          0.01344841 -0.01342674  0.01883861  0.001947  ]
distances: [0.02252001 0.06832721 0.02465471 … 0.00941566 0.00564294
0.01732059]
sorted indices: [ 405 3396 3825 … 1107 5226 2486]
selected indices: [ 405 3396 3825 3433 2629 1246 5487 5181 3336 5054]
selected outputs: [[789500.]
 [675000.]
 [499000.]
 [785000.]
 [925000.]
 [475000.]
 [380000.]
 [498445.]
 [419000.]
 [889950.]]
Predicted value: 633589.5

query set: [ 0.01345102  0.00387821  0.00451868  0.00500928  0.00231242  0.
```

```
  0.          0.0116321   0.01042901  0.00577854  0.          0.01329837
  0.          0.01342678 -0.01346108  0.01003011  0.00348959]
distances: [0.00887241 0.06974191 0.00861472 … 0.01937857 0.02339219 0.0153351
]
sorted indices: [2509 4585  513 … 1107 5226 2486]
selected indices: [2509 4585  513  966 1028 3188 2430 3241 4395 4452]
selected outputs: [[124000.]
 [351000.]
 [200000.]
 [395000.]
 [135000.]
 [299000.]
 [411000.]
 [395000.]
 [285000.]
 [361600.]]
Predicted value: 295660.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00673868  0.00121994  0.
  0.          0.01550947  0.01216718  0.00777351  0.          0.0130732
  0.          0.01348634 -0.01346955  0.00945145  0.00154138]
distances: [0.00565417 0.06888757 0.01001769 … 0.01581856 0.01940227
0.01140968]
sorted indices: [4396 3469 4014 … 1107 5226 2486]
selected indices: [4396 3469 4014 3593  108 4001 2519 4490  138  265]
selected outputs: [[747000.]
 [550000.]
 [375000.]
 [325000.]
 [352000.]
 [500000.]
 [393000.]
 [575000.]
 [300000.]
 [315000.]]
Predicted value: 443200.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00972039  0.00321068  0.
  0.          0.01550947  0.01216718  0.00756713  0.0135597   0.01348942
  0.          0.01339423 -0.01344115  0.01048018  0.00405666]
distances: [0.01534241 0.06742412 0.01785135 … 0.01799191 0.02017624
0.01587103]
sorted indices: [1311 2505 2690 … 1107 5226 2486]
selected indices: [1311 2505 2690  476 1226  819 1677 3121   77 1829]
selected outputs: [[279950.]
 [263500.]
 [440000.]
 [249000.]
```

```
 [224000.]
 [240000.]
 [260000.]
 [197400.]
 [260000.]
 [204000.]]
Predicted value: 261785.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01150942  0.00144466  0.
  0.          0.0116321   0.01390535  0.01327688  0.          0.01357812
  0.          0.01345605 -0.01342806  0.01138032  0.00182531]
distances: [0.01180569 0.06747881 0.01621724 … 0.00450384 0.00841522
0.00427832]
sorted indices: [3044 5197 5128 … 1107 5226 2486]
selected indices: [3044 5197 5128 1790 2557  873 1775  307 3077  359]
selected outputs: [[498688.]
 [342000.]
 [555000.]
 [517500.]
 [517500.]
 [595000.]
 [359500.]
 [298900.]
 [617000.]
 [303700.]]
Predicted value: 460478.8


query set: [ 0.01345102  0.01163464  0.01204982  0.0098993   0.00162765  0.
  0.05102365  0.0116321   0.01390535  0.01141949  0.          0.01330519
  0.06647482  0.01344929 -0.01346053  0.01568813  0.00270309]
distances: [0.084445   0.05271708 0.08460188 … 0.08404597 0.08432895
0.08410208]
sorted indices: [ 999  998 3294 … 1107 5226 2486]
selected indices: [ 999  998 3294 3869 1206 4594 4603 1310 2974 4398]
selected outputs: [[ 550000.]
 [ 550000.]
 [ 787500.]
 [ 699000.]
 [ 154000.]
 [ 550000.]
 [1250000.]
 [ 611900.]
 [ 850000.]
 [1205000.]]
Predicted value: 720740.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00572489  0.00880988  0.
  0.          0.01550947  0.01042901  0.00660404  0.          0.01344165
```

```
    0.          0.01342452 -0.01344269  0.00707252  0.01177084]
distances: [0.01277715 0.06997135 0.01566025 … 0.02112731 0.02363023
0.01842031]
sorted indices: [  97 1084  216 … 1107 5226 2486]
selected indices: [  97 1084  216 4106  814 1125 3151 2275 1757 2745]
selected outputs: [[320000.]
 [281000.]
 [305000.]
 [218000.]
 [252000.]
 [150000.]
 [207000.]
 [230950.]
 [280000.]
 [289571.]]
Predicted value: 253352.1


query set: [ 0.01345102  0.01163464  0.01355605  0.0140737   0.00479949  0.
  0.          0.01550947  0.01564352  0.01623494  0.          0.01349624
  0.          0.01340133 -0.01344534  0.0174884   0.00583613]
distances: [0.01730539 0.06794106 0.01824121 … 0.00713182 0.00747706
0.01352738]
sorted indices: [2937 2157  161 … 1107 5226 2486]
selected indices: [2937 2157  161 4512 3914 3400 2478 3930 1719  343]
selected outputs: [[815000.]
 [649950.]
 [370000.]
 [590000.]
 [990000.]
 [720000.]
 [643403.]
 [699000.]
 [560000.]
 [747500.]]
Predicted value: 678485.3


query set: [ 0.01345102  0.01551285  0.01355605  0.01711505  0.00269446  0.
  0.          0.01550947  0.01390535  0.01018123  0.03556224  0.01348942
  0.          0.01345594 -0.01345491  0.01883861  0.00399541]
distances: [0.03960463 0.07202945 0.0399007  … 0.0368921  0.0367497
0.03819616]
sorted indices: [3893 2708 2930 … 1107 2486 5226]
selected indices: [3893 2708 2930 1768 2953 4990 4214 4302  210 4161]
selected outputs: [[780000.]
 [925000.]
 [855000.]
 [707000.]
 [810000.]
```

```
  [968000.]
  [635700.]
  [725000.]
  [824000.]
  [575000.]]
Predicted value: 780470.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01854627  0.00365885  0.
  0.05102365  0.01550947  0.01738169  0.02139435  0.          0.01353718
  0.          0.0134513  -0.01343961  0.01999593  0.00469957]
distances: [0.05647874 0.08562102 0.05719379 … 0.05236816 0.05169934 0.0546195
]
sorted indices: [4192  361 3572 … 1107 5226 2486]
selected indices: [4192  361 3572 1465 3599 3236 1207 4168 3271 5041]
selected outputs: [[ 950000.]
 [1131000.]
 [ 805000.]
 [ 810000.]
 [ 538250.]
 [ 610000.]
 [ 480000.]
 [ 760000.]
 [ 770000.]
 [ 915000.]]
Predicted value: 776925.0


query set: [ 0.01345102  0.01163464  0.01506227  0.015982    0.01412399  0.
  0.          0.0116321   0.01564352  0.01843628  0.          0.01355083
  0.          0.01350877 -0.01343741  0.01620249  0.01512049]
distances: [0.02557301 0.06976709 0.02622222 … 0.01832299 0.01807004
0.02351673]
sorted indices: [2425 4079 2464 … 1107 5226 2486]
selected indices: [2425 4079 2464  366 2564 2659 4336  822 3295 3344]
selected outputs: [[375000.]
 [560000.]
 [450000.]
 [658588.]
 [652500.]
 [575000.]
 [630000.]
 [580000.]
 [545000.]
 [370000.]]
Predicted value: 539608.8


query set: [ 0.01345102  0.00775643  0.01054359  0.00739465  0.00096311  0.
  0.          0.0116321   0.01216718  0.00853022  0.          0.01300497
  0.          0.01348145 -0.01346383  0.01157321  0.00165495]
```

distances: [0.00676372 0.06826829 0.0091887 … 0.01170893 0.01587465
0.00709973]
sorted indices: [866 3967 2683 … 1107 5226 2486]
selected indices: [866 3967 2683 3122 1620 3199 804 2346 1469 3148]
selected outputs: [[445000.]
 [455000.]
 [351358.]
 [490000.]
 [437000.]
 [456200.]
 [375000.]
 [405000.]
 [455000.]
 [468000.]]
Predicted value: 433755.8

query set: [0.01345102 0.01163464 0.01054359 0.00936259 0.00492149 0.
  0.   0.0116321   0.01216718 0.00742955 0.01253633 0.01334613
  0.   0.01342259 -0.01346537 0.00803695 0.00540698]
distances: [0.01425333 0.06745064 0.01788302 … 0.01809812 0.02048107
0.01540732]
sorted indices: [3095 4384 2670 … 1107 5226 2486]
selected indices: [3095 4384 2670 2141 3413 709 3327 2057 239 2012]
selected outputs: [[305000.]
 [255000.]
 [617450.]
 [212000.]
 [434900.]
 [359950.]
 [315275.]
 [450000.]
 [512000.]
 [250000.]]
Predicted value: 371157.5

query set: [0.01345102 0.01163464 0.01054359 0.00983966 0.00520079 0.
  0.   0.0116321   0.01216718 0.0113507   0.   0.01348259
  0.   0.01340331 -0.01344644 0.01060877 0.00352083]
distances: [0.00746353 0.06773919 0.01241438 … 0.00918586 0.01238848
0.00755984]
sorted indices: [519 955 3687 … 1107 5226 2486]
selected indices: [519 955 3687 1334 2459 587 2201 2578 917 1678]
selected outputs: [[299000.]
 [522000.]
 [500000.]
 [375000.]
 [236000.]
 [390000.]

```
 [195000.]
 [290000.]
 [308550.]
 [267500.]]
Predicted value: 338305.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00840844  0.00108382  0.
  0.          0.01938684  0.01216718  0.00969969  0.          0.01303909
  0.          0.0134791  -0.01346812  0.00668674  0.00146025]
distances: [0.00919772 0.06897043 0.0167859  … 0.01689208 0.01867491
0.01314065]
sorted indices: [3093 1127   57 … 1107 5226 2486]
selected indices: [3093 1127   57 1130 3557  887 2444 1847 3074  276]
selected outputs: [[231000.]
 [618000.]
 [615000.]
 [400000.]
 [235000.]
 [355000.]
 [265000.]
 [435000.]
 [385000.]
 [315000.]]
Predicted value: 385400.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00870661  0.00042345  0.
  0.          0.0116321   0.01390535  0.01004365  0.          0.01366
  0.          0.01348968 -0.01346636  0.00919427  0.00062061]
distances: [0.00981632 0.06792428 0.01523361 … 0.00939637 0.01288097
0.00090859]
sorted indices: [5452 1716 4859 … 1107 5226 2486]
selected indices: [5452 1716 4859 2145 5258 5311 5238 5518 2092 5526]
selected outputs: [[375000.]
 [408000.]
 [425000.]
 [349950.]
 [416286.]
 [563500.]
 [599950.]
 [385000.]
 [443600.]
 [360000.]]
Predicted value: 432628.6


query set: [ 0.01345102  0.01163464  0.01506227  0.02117018  0.01053224  0.
  0.          0.0116321   0.01564352  0.0244212   0.          0.01357129
  0.          0.0134985  -0.01343697  0.02102466  0.01419728]
distances: [0.03051418 0.07043091 0.03082443 … 0.0199445  0.01839452
```

```
0.02746592]
sorted indices: [3839 1260 1192 … 1107 5226 2486]
selected indices: [3839 1260 1192 2317 1103 3279  924 2273  285 3414]
selected outputs: [[ 690000.]
 [ 895000.]
 [ 925000.]
 [ 685000.]
 [ 864500.]
 [ 782000.]
 [ 775000.]
 [ 725000.]
 [1050000.]
 [ 790000.]]
Predicted value: 818150.0

query set: [ 0.01345102  0.01551285  0.01355605  0.01156906  0.00293556  0.
  0.          0.01550947  0.01216718  0.00983727  0.01304802  0.01334613
  0.          0.01346032 -0.0134428   0.00938716  0.00382788]
distances: [0.01687471 0.06711529 0.02098869 … 0.01654411 0.01781444
0.01514464]
sorted indices: [ 878 2667  491 … 1107 5226 2486]
selected indices: [ 878 2667  491 3717 3868 3490  272 4023 4209 5003]
selected outputs: [[425000.]
 [290000.]
 [755000.]
 [335000.]
 [442500.]
 [542000.]
 [585000.]
 [518000.]
 [461000.]
 [719521.]]
Predicted value: 507302.1

query set: [ 0.01345102  0.01551285  0.0165685   0.01180759  0.00367362  0.
  0.          0.01938684  0.01216718  0.01362084  0.          0.01331884
  0.          0.01351024 -0.01345799  0.01337348  0.00636831]
distances: [0.01679616 0.06815578 0.01956023 … 0.01044051 0.01119294
0.01240973]
sorted indices: [4599 4389 3645 … 1107 5226 2486]
selected indices: [4599 4389 3645 2334 3823 1173 1506 1653 1975 1613]
selected outputs: [[ 344000.]
 [ 399000.]
 [ 800500.]
 [ 300000.]
 [1081000.]
 [ 289950.]
 [ 320000.]
```

```
 [ 355000.]
 [ 615000.]
 [ 670000.]]
Predicted value: 517445.0


query set: [ 0.01345102   0.01939106   0.01506227   0.0144315    0.00274807   0.
  0.03401577   0.0116321    0.01216718   0.01114432   0.02046748   0.01349624
  0.           0.01344273  -0.01345931   0.01420933   0.0028556 ]
distances: [0.04259312 0.0759878   0.04402608 … 0.04075994 0.04057918
0.04120206]
sorted indices: [2663 2184 4976 … 1107 5226 2486]
selected indices: [2663 2184 4976 2206 1067 1619 3921 3798 2086  473]
selected outputs: [[415000.]
 [564000.]
 [480000.]
 [571000.]
 [530000.]
 [690500.]
 [453500.]
 [839000.]
 [610000.]
 [565000.]]
Predicted value: 571800.0


query set: [ 0.01345102   0.01551285   0.01807473   0.01514712   0.00282512   0.
  0.01700788   0.0116321    0.01564352   0.01114432   0.0235376    0.01348942
  0.           0.01338289  -0.01347054   0.01633108   0.0035695 ]
distances: [0.03395229 0.07058244 0.0349732   … 0.02997849 0.02988069 0.0310503
]
sorted indices: [ 561 2636 3027 … 1107 5226 2486]
selected indices: [ 561 2636 3027  788  415  625 4835 4028  858 3147]
selected outputs: [[ 700000.]
 [ 750000.]
 [ 688888.]
 [ 870000.]
 [ 800000.]
 [ 350000.]
 [1150000.]
 [ 710000.]
 [1100000.]
 [ 305000.]]
Predicted value: 742388.8


query set: [ 0.01345102   0.01163464   0.01204982   0.01240394   0.00146039   0.
  0.           0.01938684   0.01216718   0.00715438   0.02660772   0.01333248
  0.           0.01348702  -0.01346196   0.01041589   0.00184519]
distances: [0.02894318 0.06946469 0.03069334 … 0.02951261 0.03080724
0.02838174]
```

```
sorted indices: [4788 2076  701 … 1107 5226 2486]
selected indices: [4788 2076  701  641 3786 1724 2384  516 1033 5006]
selected outputs: [[607000.]
 [250000.]
 [555000.]
 [700000.]
 [667500.]
 [580000.]
 [560000.]
 [555000.]
 [550000.]
 [724950.]]
Predicted value: 574945.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00882588  0.00272078  0.
  0.          0.01550947  0.01216718  0.01018123  0.          0.01342801
  0.          0.01338068 -0.01346768  0.01157321  0.0035695 ]
distances: [0.00735703 0.06795492 0.01143187 … 0.01009151 0.01325324
0.00748931]
sorted indices: [ 259  277 1926 … 1107 5226 2486]
selected indices: [ 259  277 1926 3444 2848 4317 2187 3013 1669 2918]
selected outputs: [[234000.]
 [245000.]
 [345000.]
 [217500.]
 [253000.]
 [225000.]
 [314950.]
 [405000.]
 [200000.]
 [250000.]]
Predicted value: 268945.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01127089  0.00173199  0.
  0.          0.0116321   0.01216718  0.01300171  0.          0.01368729
  0.          0.01344542 -0.01341507  0.01324489  0.00218835]
distances: [0.01265179 0.06762043 0.01644523 … 0.00564576 0.00733753
0.00669175]
sorted indices: [2433  685 5343 … 1107 5226 2486]
selected indices: [2433  685 5343  164 4081  833  618  156 2308 3325]
selected outputs: [[291500.]
 [369990.]
 [335000.]
 [296000.]
 [278000.]
 [295000.]
 [322500.]
 [338900.]
```

```
 [450000.]
 [260000.]]
Predicted value: 323689.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01401406  0.01650127  0.
  0.          0.0116321   0.01216718  0.0095621   0.02456097  0.01348942
  0.          0.01350204 -0.01343378  0.01510947  0.02084913]
distances: [0.03623563 0.07206398 0.03572687 … 0.03472261 0.03530373
0.03648555]
sorted indices: [5102 4662 1070 … 1107 5226 2486]
selected indices: [5102 4662 1070  502 3204 4233 4524  451 2369 2061]
selected outputs: [[650000.]
 [510000.]
 [450000.]
 [432000.]
 [489500.]
 [430000.]
 [583500.]
 [368000.]
 [462000.]
 [710000.]]
Predicted value: 508500.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01562419  0.00350572  0.
  0.          0.0116321   0.01564352  0.01802353  0.          0.01340754
  0.          0.01346527 -0.013446    0.01523806  0.00482978]
distances: [0.01757504 0.06773764 0.0208658  … 0.00634266 0.0035083
0.01325641]
sorted indices: [2106  130 2135 … 1107 5226 2486]
selected indices: [2106  130 2135 3026 4963 2714 3165 4213  696 5010]
selected outputs: [[616000.]
 [359500.]
 [652500.]
 [372000.]
 [369000.]
 [338150.]
 [728000.]
 [620000.]
 [405000.]
 [383962.]]
Predicted value: 484411.2


query set: [ 0.01345102  0.01551285  0.01506227  0.01311955  0.00346719  0.
  0.          0.0116321   0.01390535  0.01031882  0.01790904  0.01340072
  0.          0.01351035 -0.01345964  0.0146594   0.00438075]
distances: [0.0224933  0.06742436 0.02412349 … 0.01926581 0.01962757
0.01997417]
sorted indices: [4399 4285  179 … 1107 5226 2486]
```

```
selected indices: [4399 4285  179 1632 1693 2619 2987   38 2166 2772]
selected outputs: [[518000.]
 [546800.]
 [496500.]
 [445000.]
 [530000.]
 [562000.]
 [629000.]
 [260000.]
 [320000.]
 [435000.]]
Predicted value: 474230.0

query set: [ 0.01345102  0.01163464  0.00903736  0.00960112  0.00196859  0.
  0.03401577  0.01550947  0.01216718  0.00749834  0.01330386  0.0133666
  0.          0.01343416 -0.0134471   0.01060877  0.00248729]
distances: [0.03700228 0.07558996 0.03815357 … 0.03854672 0.03962549
0.03747824]
sorted indices: [4156 2660 2337 … 1107 5226 2486]
selected indices: [4156 2660 2337 2291 4158  579 2249 4633  642 4051]
selected outputs: [[525000.]
 [650000.]
 [304000.]
 [390000.]
 [490000.]
 [340000.]
 [261490.]
 [449500.]
 [560000.]
 [294950.]]
Predicted value: 426494.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00423404  0.00128415  0.
  0.          0.0116321   0.01042901  0.00488424  0.          0.01302544
  0.          0.01344881 -0.01345755  0.00617238  0.0016225 ]
distances: [0.00657023 0.06965728 0.01161057 … 0.01956023 0.02329768
0.01342757]
sorted indices: [3240 3678 2259 … 1107 5226 2486]
selected indices: [3240 3678 2259 4481 1587 1198 1572 3189 3492  322]
selected outputs: [[225000.]
 [248500.]
 [183000.]
 [350000.]
 [394475.]
 [260000.]
 [275000.]
 [215000.]
 [216000.]
```

```
 [406000.]]
Predicted value: 277297.5


query set: [ 0.01345102  0.01939106  0.02560587  0.03882194  0.00528779  0.
  0.05102365  0.01550947  0.01911985  0.02235743  0.08340498  0.01350989
  0.          0.01345512 -0.01345458  0.02880443  0.00668105]
distances: [0.10825328 0.11661998 0.10851734 … 0.10339908 0.1024333
0.10590658]
sorted indices: [3035 1987 3979 … 1107 2486 5226]
selected indices: [3035 1987 3979 2795 3429 2514 4171 2124 4951   54]
selected outputs: [[1785000.]
 [1212500.]
 [1120000.]
 [ 465000.]
 [3168750.]
 [1140000.]
 [1750000.]
 [ 452000.]
 [1400000.]
 [1095000.]]
Predicted value: 1358825.0


query set: [ 0.01345102  0.01551285  0.00903736  0.01818847  0.02657025  0.
  0.          0.0116321   0.01390535  0.0113507   0.03581809  0.01341436
  0.          0.0134412  -0.01344875  0.01883861  0.00408627]
distances: [0.04653492 0.07609048 0.04619524 … 0.0448327  0.04455094
0.04687344]
sorted indices: [1821 3181 3953 … 1107 2486 5226]
selected indices: [1821 3181 3953 3918 1823 3536 1966 4524 3321 3353]
selected outputs: [[605000.]
 [735000.]
 [611000.]
 [657000.]
 [650000.]
 [772000.]
 [480000.]
 [583500.]
 [600000.]
 [392000.]]
Predicted value: 608550.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01765176  0.00267423  0.
  0.05102365  0.01550947  0.01738169  0.01554702  0.01790904  0.01332566
  0.          0.01349123 -0.01347032  0.0190315   0.00358573]
distances: [0.05746193 0.08485706 0.05777275 … 0.05470529 0.05458599
0.05612789]
sorted indices: [ 523 1936 3720 … 1107 5226 2486]
selected indices: [ 523 1936 3720 2687  656 2767 4814 2139 4208 4695]
```

```
selected outputs: [[ 830000.]
 [1445000.]
 [1442500.]
 [ 901000.]
 [ 649000.]
 [1250000.]
 [1298888.]
 [ 871000.]
 [1260000.]
 [1230000.]]
Predicted value: 1117738.8

query set: [ 0.01345102  0.01551285  0.01958096  0.01160484  0.00570995  0.
  0.01700788  0.01550947  0.01216718  0.01338694  0.          0.01357812
  0.          0.0133938  -0.0134777   0.00938716  0.00675812]
distances: [0.02423892 0.07019299 0.02738775 … 0.02034066 0.02105881 0.0205844
]
sorted indices: [1910 5119 1265 … 1107 5226 2486]
selected indices: [1910 5119 1265  825 1638  172  950 3397 3977 4733]
selected outputs: [[ 320000.]
 [ 649950.]
 [1000000.]
 [ 600000.]
 [ 647500.]
 [ 729500.]
 [ 449900.]
 [1100000.]
 [ 448500.]
 [ 390000.]]
Predicted value: 633535.0

query set: [ 0.01345102  0.01163464  0.0165685   0.01544529  0.07159977  0.
  0.          0.0116321   0.01564352  0.01781716  0.          0.01353036
  0.          0.01346606 -0.01342806  0.0219248   0.0860481 ]
distances: [0.11113238 0.12790453 0.10943971 … 0.10932668 0.10905815
0.11233227]
sorted indices: [1259 3765 4934 … 1107 5226 2486]
selected indices: [1259 3765 4934 1488 3965 4694  282 1765 4483 2664]
selected outputs: [[ 559000.]
 [ 410000.]
 [ 365000.]
 [ 900000.]
 [ 506000.]
 [ 390000.]
 [ 590000.]
 [ 408506.]
 [1650000.]
 [ 774950.]]
```

```
Predicted value: 655345.6


query set: [ 0.01345102  0.01163464  0.01355605  0.01156906  0.00208674  0.
  0.          0.0116321   0.01390535  0.00990606  0.01279217  0.01350306
  0.          0.0133931  -0.01344435  0.01208757  0.00364698]
distances: [0.016159    0.06688903 0.01865722 … 0.01451016 0.01641938
0.01376834]
sorted indices: [4329 2624  930 … 1107 5226 2486]
selected indices: [4329 2624  930 3110  463 3715 4026 1407 3175 1549]
selected outputs: [[583000.]
 [285000.]
 [625000.]
 [560000.]
 [327500.]
 [438000.]
 [395000.]
 [266000.]
 [162000.]
 [250000.]]
Predicted value: 389150.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00787173  0.00231146  0.
  0.          0.01550947  0.01216718  0.00908056  0.          0.01348942
  0.          0.01349989 -0.01345403  0.01125173  0.00294484]
distances: [0.00668781 0.06813328 0.01088519 … 0.01118761 0.01438423 0.0073086
]
sorted indices: [3920 3315 4317 … 1107 5226 2486]
selected indices: [3920 3315 4317   81 3444 3658  259 2669 4045 1338]
selected outputs: [[409950.]
 [599380.]
 [225000.]
 [237000.]
 [217500.]
 [245000.]
 [234000.]
 [450000.]
 [200500.]
 [215000.]]
Predicted value: 303333.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00809834  0.00038653  0.
  0.          0.0116321   0.01216718  0.00934197  0.          0.01369411
  0.          0.01349177 -0.01346603  0.00873134  0.00048513]
distances: [0.00804909 0.06802063 0.01400389 … 0.01067413 0.01426048
0.00299698]
sorted indices: [5060 5320 4939 … 1107 5226 2486]
selected indices: [5060 5320 4939 5236 2985 5186 5208 5284 5198 3009]
selected outputs: [[399000.]
```

```
 [208800.]
 [360000.]
 [292000.]
 [491000.]
 [305000.]
 [467000.]
 [310000.]
 [439000.]
 [530000.]]
Predicted value: 380180.0


query set: [ 0.01345102  0.01551285  0.01355605  0.0165187   0.00433399  0.
  0.          0.0116321   0.01390535  0.01905541  0.          0.01346895
  0.          0.01344584 -0.01345337  0.01478799  0.00547594]
distances: [0.01841003 0.06774727 0.02177179 … 0.00738757 0.0052446
0.01444815]
sorted indices: [3873 2714 3168 … 1107 5226 2486]
selected indices: [3873 2714 3168 5010 5231 5392  566 3824 2274 3165]
selected outputs: [[518000.]
 [338150.]
 [645000.]
 [383962.]
 [750000.]
 [695000.]
 [347000.]
 [360000.]
 [399900.]
 [728000.]]
Predicted value: 516501.2


query set: [ 0.01345102  0.01163464  0.01204982  0.00775246  0.00269671  0.
  0.          0.01550947  0.01216718  0.00894297  0.          0.01342119
  0.          0.01339635 -0.01346262  0.00835843  0.00304219]
distances: [0.00734467 0.06815428 0.01328213 … 0.0120598  0.01540056 0.0067189
]
sorted indices: [4936  737 3507 … 1107 5226 2486]
selected indices: [4936  737 3507 1301 4100 4626 3729  505 4053 2146]
selected outputs: [[249900.]
 [265000.]
 [418000.]
 [255000.]
 [239950.]
 [257500.]
 [274000.]
 [347000.]
 [279950.]
 [235000.]]
Predicted value: 282130.0
```

```
query set: [ 0.01345102  0.01551285  0.00602491  0.00811027  0.0042929   0.
  0.          0.0116321   0.01216718  0.00935573  0.          0.01333931
  0.          0.01350783 -0.01345689  0.00990152  0.00417104]
distances: [0.00539091 0.06847556 0.01231271 … 0.01415111 0.01592833
0.01141845]
sorted indices: [ 890 3499  222 … 1107 5226 2486]
selected indices: [ 890 3499  222 1237  411 3990 1324 4000 3871 2835]
selected outputs: [[197000.]
 [185000.]
 [249950.]
 [261000.]
 [475000.]
 [253750.]
 [239000.]
 [182200.]
 [229000.]
 [310000.]]
Predicted value: 258190.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01317918  0.00205046  0.
  0.          0.0116321   0.01390535  0.01520306  0.          0.01366682
  0.          0.01336722 -0.01346119  0.01652397  0.00263535]
distances: [0.01378705 0.06760543 0.01543444 … 0.00364323 0.00593858
0.00995347]
sorted indices: [ 842 5305 1858 … 1107 5226 2486]
selected indices: [ 842 5305 1858  438  388 1079 3316 5471 2359  296]
selected outputs: [[626000.]
 [348000.]
 [880000.]
 [470000.]
 [621138.]
 [289500.]
 [365000.]
 [330000.]
 [470000.]
 [285167.]]
Predicted value: 468480.5


query set: [ 0.01345102  0.01163464  0.00602491  0.00703685  0.00315643  0.
  0.          0.0116321   0.01216718  0.00811747  0.          0.01344165
  0.          0.01340102 -0.0134373   0.00784406  0.00401325]
distances: [0.00231805 0.06863359 0.0112088  … 0.01528252 0.01820838
0.01087528]
sorted indices: [1390 2595 2010 … 1107 5226 2486]
selected indices: [1390 2595 2010 1195 1417   79 1215 4119 3086 3152]
selected outputs: [[322500.]
 [325000.]
```

```
  [305000.]
  [190000.]
  [422000.]
  [255000.]
  [369950.]
  [400000.]
  [222000.]
  [164000.]]
Predicted value: 297545.0


query set: [ 0.01345102  0.01551285  0.01204982  0.010436    0.00232591  0.
  0.          0.01550947  0.01216718  0.00722317  0.01790904  0.01346895
  0.          0.01338176 -0.01344952  0.01054448  0.00293875]
distances: [0.02009684 0.06780885 0.02285427 … 0.02144964 0.0226443  0.0196307
]
sorted indices: [2065 3815 3003 … 1107 5226 2486]
selected indices: [2065 3815 3003 4063 1612 4907 4091 3912  573 4840]
selected outputs: [[336500.]
  [265000.]
  [402000.]
  [509000.]
  [317500.]
  [430000.]
  [507000.]
  [300000.]
  [529219.]
  [295000.]]
Predicted value: 389121.9


query set: [ 0.01345102  0.01163464  0.01506227  0.01192686  0.0031041   0.
  0.          0.01550947  0.01390535  0.01375842  0.          0.01359176
  0.          0.01334782 -0.01342894  0.01240905  0.00373256]
distances: [0.0131782  0.06756339 0.01659647 … 0.0054418  0.00854178
0.00756593]
sorted indices: [2675  997 1375 … 1107 5226 2486]
selected indices: [2675  997 1375 1880 1610 1295 1098 4373 2574  811]
selected outputs: [[347500.]
  [675000.]
  [890000.]
  [325000.]
  [306500.]
  [479000.]
  [450000.]
  [624950.]
  [319000.]
  [299000.]]
Predicted value: 471595.0
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.00936259  0.003098     0.
  0.          0.01938684  0.00869084  0.01080036  0.          0.01311414
  0.          0.01339213 -0.01342596  0.00855131  0.00391428]
distances: [0.00944283 0.0686752  0.01454517 … 0.01583421 0.01850546
0.01376717]
sorted indices: [3032 1353 3250 … 1107 5226 2486]
selected indices: [3032 1353 3250  449 1579  139 4503 2743 1130 3383]
selected outputs: [[206990.]
 [195000.]
 [235000.]
 [345000.]
 [335000.]
 [288000.]
 [211000.]
 [265000.]
 [400000.]
 [450000.]]
Predicted value: 293099.0


query set: [ 0.01345102  0.01551285  0.0165685   0.0100782   0.00195511  0.
  0.          0.0116321   0.01216718  0.0096309   0.00741946  0.01327108
  0.          0.01348498 -0.01345755  0.0117018   0.00247026]
distances: [0.01422603 0.06717298 0.01771974 … 0.01147804 0.01318124
0.00931363]
sorted indices: [3936 3471 2158 … 1107 5226 2486]
selected indices: [3936 3471 2158 2063 3902 5457 3486  395 1718 2446]
selected outputs: [[431000.]
 [427000.]
 [332000.]
 [279000.]
 [246000.]
 [338000.]
 [270000.]
 [409900.]
 [390000.]
 [267500.]]
Predicted value: 339040.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01252321  0.00572247  0.
  0.          0.01550947  0.01216718  0.0096309   0.01790904  0.01346895
  0.          0.01337978 -0.01344897  0.01414503  0.00592294]
distances: [0.0238548  0.06801429 0.02573201 … 0.0215536  0.0214314   0.0220649
]
sorted indices: [1740 1662 1586 … 1107 5226 2486]
selected indices: [1740 1662 1586 1646 2516  179  133 3280 1720 1981]
selected outputs: [[509500.]
 [330000.]
 [480000.]
```

```
 [417500.]
 [450000.]
 [496500.]
 [295000.]
 [290000.]
 [224950.]
 [650000.]]
Predicted value: 414345.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00536709  0.00154097  0.
  0.          0.01550947  0.01042901  0.00536578  0.00307012  0.01326425
  0.          0.01347822 -0.01347197  0.00816554  0.00223905]
distances: [0.00729168 0.06901984 0.01076279 … 0.01861822 0.02225113
0.01345433]
sorted indices: [ 512 1514 4572 … 1107 5226 2486]
selected indices: [ 512 1514 4572   32 4747 4868 4251 2093 2623 3699]
selected outputs: [[409000.]
 [295000.]
 [552000.]
 [205425.]
 [325000.]
 [365000.]
 [422000.]
 [342888.]
 [338000.]
 [320000.]]
Predicted value: 357431.3

query set: [ 0.01345102  0.01551285  0.01355605  0.01323882  0.00489003  0.
  0.          0.0116321   0.01564352  0.01162587  0.0135597   0.01349624
  0.          0.01350294 -0.01343928  0.01356637  0.00619795]
distances: [0.01917662 0.06708431 0.02167099 … 0.015684   0.01586787
0.01697015]
sorted indices: [2772 3224 3525 … 1107 5226 2486]
selected indices: [2772 3224 3525 1131 1216 2619 1547 1632 2987 4843]
selected outputs: [[435000.]
 [561500.]
 [318000.]
 [275000.]
 [274000.]
 [562000.]
 [555000.]
 [445000.]
 [629000.]
 [579000.]]
Predicted value: 463350.0

query set: [ 0.01345102  0.01551285  0.00602491  0.01049564  0.00285915  0.
```

```
   0.          0.0116321   0.01216718  0.00846143  0.0135597   0.01341436
   0.          0.01341354 -0.01344974  0.00758688  0.00422134]
distances: [0.01472644 0.0677025  0.01977483 … 0.01994957 0.0213371
0.01772442]
sorted indices: [2577 3381 4965 … 1107 5226 2486]
selected indices: [2577 3381 4965  693 2649 4324 2138 3276  426 2929]
selected outputs: [[456000.]
 [257500.]
 [205000.]
 [283000.]
 [185000.]
 [413000.]
 [418000.]
 [226000.]
 [272750.]
 [403000.]]
Predicted value: 311925.0


query set: [ 0.01345102  0.00775643  0.00602491  0.01168833  0.0599927   0.
  0.          0.01550947  0.01042901  0.01348325  0.          0.01320967
  0.          0.0133681  -0.01345733  0.01060877  0.007788  ]
distances: [0.05918196 0.08933567 0.05851838 … 0.05972263 0.06034119
0.06121439]
sorted indices: [4875  104  670 … 1107 5226 2486]
selected indices: [4875  104  670  425 4008 4879  952 1013 3724  360]
selected outputs: [[495000.]
 [270000.]
 [299000.]
 [299000.]
 [650000.]
 [425000.]
 [472500.]
 [759600.]
 [760000.]
 [330000.]]
Predicted value: 476010.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01830773  0.0018848   0.
  0.          0.01550947  0.01390535  0.01726682  0.01432724  0.01315508
  0.          0.01343388 -0.01345249  0.01427362  0.0016225 ]
distances: [0.02341458 0.0669985  0.02598688 … 0.01570544 0.01593325
0.01932408]
sorted indices: [2712 5434 3784 … 1107 5226 2486]
selected indices: [2712 5434 3784 3140 3544 3501 4211  759 3945 5167]
selected outputs: [[ 995000.]
 [ 775000.]
 [ 915000.]
 [ 499000.]
```

```
[ 870000.]
[1810000.]
[ 980000.]
[ 896000.]
[ 339950.]
[ 724500.]]
Predicted value: 880445.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01127089  0.00256829  0.
  0.          0.01550947  0.01216718  0.00859901  0.01637398  0.01337342
  0.          0.01350653 -0.0134646   0.01202328  0.00335452]
distances: [0.01871032 0.06751417 0.02127386 … 0.01960575 0.02061378
0.01863371]
sorted indices: [2065 4091 3003 … 1107 5226 2486]
selected indices: [2065 4091 3003 3912 1612 3815 4063 3652 4006  573]
selected outputs: [[336500.]
 [507000.]
 [402000.]
 [300000.]
 [317500.]
 [265000.]
 [509000.]
 [302000.]
 [635000.]
 [529219.]]
Predicted value: 410321.9


query set: [ 0.01345102  0.01551285  0.01054359  0.01085344  0.00247198  0.
  0.          0.01550947  0.01216718  0.00756713  0.01842073  0.01333931
  0.          0.01350566 -0.01346724  0.01093025  0.00344781]
distances: [0.02029329 0.0678517  0.02293315 … 0.02191139 0.0229994
0.02045478]
sorted indices: [3815 2065 1612 … 1107 5226 2486]
selected indices: [3815 2065 1612 4907 3003 1777 3912 4063 4091 3988]
selected outputs: [[265000.]
 [336500.]
 [317500.]
 [430000.]
 [402000.]
 [560000.]
 [300000.]
 [509000.]
 [507000.]
 [605000.]]
Predicted value: 423200.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00948186  0.00312561  0.
  0.          0.0116321   0.01216718  0.01093795  0.          0.013544
```

```
     0.          0.0133856  -0.01345854   0.0101587    0.00304219]
distances: [0.01001582 0.06768772 0.01447035 … 0.00796133 0.01171165
0.00412282]
sorted indices: [ 112 2805 4338 … 1107 5226 2486]
selected indices: [ 112 2805 4338 2940 4688 1242 2757  242  972  520]
selected outputs: [[268000.]
 [280000.]
 [272000.]
 [210000.]
 [246500.]
 [310000.]
 [429000.]
 [265000.]
 [203000.]
 [280000.]]
Predicted value: 276350.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01085344  0.00269671  0.
  0.          0.0116321   0.01216718  0.00921814  0.01228049  0.01348259
  0.          0.01349986 -0.01344666  0.01221616  0.00329043]
distances: [0.01420465 0.06701672 0.01649305 … 0.01516104 0.01728975
0.01404561]
sorted indices: [3266 1515  248 … 1107 5226 2486]
selected indices: [3266 1515  248 3615 4725 4159 3282   88 1271   68]
selected outputs: [[442573.]
 [509007.]
 [390000.]
 [429950.]
 [432100.]
 [415000.]
 [317000.]
 [405000.]
 [395000.]
 [279950.]]
Predicted value: 401558.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01210577  0.00323444  0.
  0.          0.01938684  0.01216718  0.00742955  0.02430513  0.01338025
  0.          0.01342556 -0.01344963  0.01420933  0.00408667]
distances: [0.02688212 0.06914831 0.0273949  … 0.02765357 0.02880045 0.0273535
]
sorted indices: [1886 2936  713 … 1107 5226 2486]
selected indices: [1886 2936  713 2076 2895  546  701  357 3633  605]
selected outputs: [[365000.]
 [319000.]
 [711000.]
 [250000.]
 [500000.]
```

```
 [399950.]
 [555000.]
 [549000.]
 [515000.]
 [500000.]]
Predicted value: 466395.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01490858  0.00272881  0.
  0.          0.01550947  0.01390535  0.01100674  0.02302591  0.01349624
  0.          0.01345107 -0.01344236  0.01472369  0.00362102]
distances: [0.02702325 0.06819812 0.02865874 … 0.02425476 0.0243896  0.0251953
]
sorted indices: [2363 3089 2213 … 1107 5226 2486]
selected indices: [2363 3089 2213 3759 3748  283  903 2852  846 2980]
selected outputs: [[610000.]
 [555000.]
 [525000.]
 [600000.]
 [765000.]
 [465000.]
 [419000.]
 [770000.]
 [400000.]
 [595000.]]
Predicted value: 570400.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01079381  0.00404506  0.
  0.          0.0116321   0.01216718  0.0096309   0.01048958  0.01348942
  0.          0.01349429 -0.01345359  0.01243477  0.00511088]
distances: [0.01320577 0.06701182 0.01534513 … 0.01394359 0.0161463
0.01332854]
sorted indices: [  68 4159 2648 … 1107 5226 2486]
selected indices: [  68 4159 2648 3282 3266 1036 1271  248 4182 1515]
selected outputs: [[279950.]
 [415000.]
 [399000.]
 [317000.]
 [442573.]
 [525000.]
 [395000.]
 [390000.]
 [314500.]
 [509007.]]
Predicted value: 398703.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01938115  0.01542162  0.
  0.03401577  0.0116321   0.01390535  0.0139648   0.03121291  0.013544
  0.          0.01347118 -0.01343565  0.01909579  0.01948501]
```

```
distances: [0.05484782 0.08103128 0.054716    … 0.05180886 0.05143363
0.05414881]
sorted indices: [ 595 3554 2765 … 1107 5226 2486]
selected indices: [ 595 3554 2765 3933 3138 2922  464 4867 1422 4029]
selected outputs: [[555000.]
 [439000.]
 [740000.]
 [500000.]
 [870000.]
 [514500.]
 [975000.]
 [925000.]
 [350000.]
 [570000.]]
Predicted value: 643850.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00924332  0.00250408  0.
  0.          0.0116321   0.01216718  0.00722317  0.01279217  0.01323696
  0.          0.01344601 -0.01347087  0.0088085   0.00202813]
distances: [0.01433042 0.06749657 0.01702391 … 0.01803554 0.02115306
0.01486299]
sorted indices: [3707 3629 2349 … 1107 5226 2486]
selected indices: [3707 3629 2349 5285 3419 4782 3659 3474 3579  709]
selected outputs: [[557000.]
 [346500.]
 [190000.]
 [625000.]
 [585000.]
 [488000.]
 [700180.]
 [386500.]
 [284000.]
 [359950.]]
Predicted value: 452213.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00930295  0.00224725  0.
  0.          0.01550947  0.01216718  0.01073157  0.          0.01342801
  0.          0.01338716 -0.0134592   0.01003011  0.0029205 ]
distances: [0.00811767 0.06782348 0.01333681 … 0.00950738 0.01288984
0.00601744]
sorted indices: [2450 2018 3332 … 1107 5226 2486]
selected indices: [2450 2018 3332 3176 1926 3507 2060 1009 4507 1919]
selected outputs: [[259900.]
 [251000.]
 [335000.]
 [260000.]
 [345000.]
 [418000.]
```

```
 [270000.]
 [282500.]
 [275250.]
 [320000.]]
Predicted value: 301665.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01890408  0.01041121  0.
  0.         0.0116321   0.01738169  0.0218071   0.          0.01357129
  0.         0.0134875  -0.01343411  0.02160332  0.01444431]
distances: [0.02902548 0.07030059 0.02934949 … 0.01910029 0.01682678
0.02609236]
sorted indices: [3839 3184 1260 … 1107 5226 2486]
selected indices: [3839 3184 1260 2317  820 3058  678 2593 1681 1192]
selected outputs: [[ 690000.]
 [ 845000.]
 [ 895000.]
 [ 685000.]
 [ 530000.]
 [ 940000.]
 [ 645000.]
 [ 725000.]
 [1035000.]
 [ 925000.]]
Predicted value: 791500.0


query set: [ 0.01345102  0.01551285  0.01355605  0.02081238  0.00221708  0.
  0.         0.01550947  0.01738169  0.0156846   0.03095706  0.01315508
  0.         0.01347395 -0.01347274  0.01633108  0.00252421]
distances: [0.03713665 0.07050513 0.0388907  … 0.03254561 0.03186377
0.03486508]
sorted indices: [3564 3510  787 … 1107 5226 2486]
selected indices: [3564 3510  787 5169 1038 2850 3893 2303  462  549]
selected outputs: [[1400000.]
 [ 760000.]
 [1130000.]
 [1300000.]
 [1210000.]
 [ 877500.]
 [ 780000.]
 [ 965000.]
 [ 467500.]
 [ 723000.]]
Predicted value: 961300.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00500928  0.0017336   0.
  0.         0.01550947  0.01216718  0.00577854  0.          0.01329154
  0.         0.01344751 -0.01345777  0.00861561  0.00219038]
distances: [0.00629883 0.0693632  0.01002736 … 0.01789358 0.02146533
```

```
0.01265972]
sorted indices: [2083 4340 4772 … 1107 5226 2486]
selected indices: [2083 4340 4772 4001 1243 3641 1888 2214 2519 3223]
selected outputs: [[350000.]
 [450600.]
 [464050.]
 [500000.]
 [350000.]
 [365000.]
 [406500.]
 [324000.]
 [393000.]
 [390000.]]
Predicted value: 399315.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00512855  0.00196474  0.
  0.          0.0116321   0.01216718  0.00591612  0.          0.01329154
  0.          0.01350447 -0.01346405  0.00707252  0.00278259]
distances: [0.00511662 0.06927953 0.01067629 … 0.01793049 0.02158708
0.01233032]
sorted indices: [2247 4550 1752 … 1107 5226 2486]
selected indices: [2247 4550 1752 2741 2031 4353 4781 3742 2893 2210]
selected outputs: [[370000.]
 [405000.]
 [284000.]
 [287000.]
 [520000.]
 [325000.]
 [210000.]
 [378510.]
 [285000.]
 [427550.]]
Predicted value: 349206.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01335809  0.00317377  0.
  0.          0.01550947  0.01216718  0.01540943  0.          0.01340754
  0.          0.01347028 -0.01344071  0.00990152  0.00326123]
distances: [0.01216851 0.06762407 0.01831271 … 0.00886084 0.00980092
0.01050287]
sorted indices: [3944 1977 2348 … 1107 5226 2486]
selected indices: [3944 1977 2348 2588 2418 3956   76 2719 4078  431]
selected outputs: [[565000.]
 [459000.]
 [585000.]
 [605000.]
 [565000.]
 [400000.]
 [250000.]
```

```
 [245000.]
 [500000.]
 [331500.]]
Predicted value: 450550.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01359662  0.0024296   0.
  0.          0.01550947  0.01216718  0.0156846   0.          0.01365317
  0.          0.01343693 -0.0134493   0.0146594   0.00215468]
distances: [0.01578178 0.06767121 0.01894614 … 0.00579345 0.00588314
0.01047037]
sorted indices: [1613 1361 3911 … 1107 5226 2486]
selected indices: [1613 1361 3911 3913 1975 3924 1686 1653  979 2393]
selected outputs: [[ 670000.]
 [ 520000.]
 [ 660000.]
 [ 381500.]
 [ 615000.]
 [ 335000.]
 [ 601000.]
 [ 355000.]
 [1325000.]
 [ 571500.]]
Predicted value: 603400.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01526638  0.003124    0.
  0.          0.01550947  0.01216718  0.01761078  0.          0.01346212
  0.          0.01349762 -0.01345502  0.01195898  0.00394714]
distances: [0.01613364 0.06758643 0.02077559 … 0.00733327 0.00716162
0.01210809]
sorted indices: [4078 2348 2472 … 1107 5226 2486]
selected indices: [4078 2348 2472 4449 1818 4968 2894 1361 4308  106]
selected outputs: [[500000.]
 [585000.]
 [479950.]
 [365000.]
 [243500.]
 [557000.]
 [825000.]
 [520000.]
 [730000.]
 [799000.]]
Predicted value: 560445.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01139015  0.00296766  0.
  0.          0.01550947  0.01042901  0.01313929  0.          0.01339389
  0.          0.01343136 -0.01344347  0.01665256  0.00376663]
distances: [0.01506791 0.06794471 0.01629846 … 0.00779144 0.00872993
0.01083579]
```

```
sorted indices: [1613  204 1975 … 1107 5226 2486]
selected indices: [1613  204 1975 3924 2517  234 5417   83 1128 2782]
selected outputs: [[670000.]
 [365000.]
 [615000.]
 [335000.]
 [450000.]
 [270000.]
 [385000.]
 [290000.]
 [300000.]
 [305000.]]
Predicted value: 398500.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01961969  0.00645508  0.
  0.06803154  0.0116321   0.01738169  0.01527185  0.02737525  0.01357812
  0.          0.01339267 -0.01346306  0.01922438  0.00689076]
distances: [0.07753456 0.09779751 0.0778795  … 0.07444738 0.07410632
0.07575281]
sorted indices: [1106 1181 2880 … 1107 5226 2486]
selected indices: [1106 1181 2880  659 2085 5165 4693 3695 3508 1836]
selected outputs: [[1250000.]
 [1345000.]
 [1400000.]
 [1619999.]
 [ 732000.]
 [1789950.]
 [1500000.]
 [1989000.]
 [ 415000.]
 [1615000.]]
Predicted value: 1365594.9


query set: [ 0.01345102  0.01551285  0.01506227  0.01437187  0.01795588  0.
  0.          0.0116321   0.01564352  0.0165789   0.          0.01357129
  0.          0.0133802  -0.01343862  0.01787418  0.02268702]
distances: [0.0315675  0.07237634 0.03141198 … 0.02658622 0.02589132 0.0307194
]
sorted indices: [3709 4371 1454 … 1107 5226 2486]
selected indices: [3709 4371 1454 2659 2591 2364 3505 1801  577 4952]
selected outputs: [[770000.]
 [549950.]
 [600000.]
 [575000.]
 [597000.]
 [510000.]
 [695000.]
 [630000.]
```

```
 [600000.]
 [290000.]]
Predicted value: 581695.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01639944  0.00513658  0.
  0.          0.01550947  0.01564352  0.01761078  0.00486103  0.01351671
  0.          0.01348826 -0.01344853  0.01523806  0.00457505]
distances: [0.01924443 0.06722493 0.02154535 … 0.00840516 0.00845274
0.01457802]
sorted indices: [3930 2478 3501 … 1107 5226 2486]
selected indices: [3930 2478 3501 4042 4899 4512 3238  117 1200 2475]
selected outputs: [[ 699000.]
 [ 643403.]
 [1810000.]
 [ 778000.]
 [ 885000.]
 [ 590000.]
 [ 690000.]
 [ 380000.]
 [ 921000.]
 [ 657500.]]
Predicted value: 805390.3


query set: [ 0.01345102  0.01163464  0.00903736  0.0100782   0.00192943  0.
  0.          0.0116321   0.01216718  0.00846143  0.0117688   0.0132779
  0.          0.01348897 -0.01345997  0.01086596  0.00219768]
distances: [0.01272951 0.06720449 0.01588745 … 0.01597106 0.01827394 0.0137552
]
sorted indices: [4328 2457 2012 … 1107 5226 2486]
selected indices: [4328 2457 2012 1271   47 1341   88 2141 3266 1515]
selected outputs: [[357000.]
 [453000.]
 [250000.]
 [395000.]
 [370000.]
 [368000.]
 [405000.]
 [212000.]
 [442573.]
 [509007.]]
Predicted value: 376158.0


query set: [ 0.01345102  0.01939106  0.02108718  0.0224225   0.00155927  0.
  0.05102365  0.0116321   0.01564352  0.01939937  0.02404929  0.01367364
  0.          0.0135015  -0.01344633  0.01928868  0.00230922]
distances: [0.06292055 0.08654033 0.06399332 … 0.05828048 0.05746088
0.06025369]
sorted indices: [1644  328 3144 … 1107 5226 2486]
```

```
selected indices: [1644  328 3144 5397 1426 4149 2050 1659 1654 4208]
selected outputs: [[ 817500.]
 [1875000.]
 [1340000.]
 [1880000.]
 [2400000.]
 [1387000.]
 [ 920000.]
 [1240000.]
 [1925000.]
 [1260000.]]
Predicted value: 1504450.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01228467  0.00181353  0.
  0.          0.01938684  0.01390535  0.00935573  0.01790904  0.01324378
  0.          0.01347599 -0.01347274  0.01324489  0.00228205]
distances: [0.02249808 0.06787742 0.02462573 … 0.0209987  0.02159633
0.02064598]
sorted indices: [4980  251 1860 … 1107 5226 2486]
selected indices: [4980  251 1860 4998 4019  573  133 3497 1492 4871]
selected outputs: [[600000.]
 [930000.]
 [366000.]
 [529950.]
 [330000.]
 [529219.]
 [295000.]
 [610000.]
 [395000.]
 [522500.]]
Predicted value: 510766.9


query set: [ 0.01345102  0.01551285  0.01054359  0.01097271  0.00337987  0.
  0.          0.0116321   0.01216718  0.00832385  0.01611814  0.01357812
  0.          0.01337675 -0.01347032  0.01041589  0.00378489]
distances: [0.01785415 0.0674279  0.02106549 … 0.01949885 0.02067273
0.01805742]
sorted indices: [ 883 2738 3694 … 1107 5226 2486]
selected indices: [ 883 2738 3694  752 3308 1713 2816 4120  721 4142]
selected outputs: [[325000.]
 [385000.]
 [548000.]
 [220000.]
 [455000.]
 [385000.]
 [268500.]
 [255000.]
 [450000.]
```

```
 [180000.]]
Predicted value: 347150.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01174796  0.00166939  0.
  0.05102365  0.0116321   0.01390535  0.01355205  0.          0.01306638
  0.06687568  0.01344426 -0.01347065  0.01375926  0.00210925]
distances: [0.08525417 0.05239191 0.08573835 … 0.08418205 0.08442618
0.08434352]
sorted indices: [ 999  998 3294 … 1107 5226 2486]
selected indices: [ 999  998 3294 4594 3869 4603 2974 1206 1310 3000]
selected outputs: [[ 550000.]
 [ 550000.]
 [ 787500.]
 [ 550000.]
 [ 699000.]
 [1250000.]
 [ 850000.]
 [ 154000.]
 [ 611900.]
 [1400000.]]
Predicted value: 740240.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01908298  0.00252431  0.
  0.05102365  0.01938684  0.01390535  0.01100674  0.04093496  0.0133666
  0.          0.01347322 -0.01347087  0.01697404  0.0031152 ]
distances: [0.06861911 0.09034242 0.06936663 … 0.06677065 0.06644787
0.06753356]
sorted indices: [ 227 3560 1870 … 1107 5226 2486]
selected indices: [ 227 3560 1870 2748  273 3669 2756 1779 1105  286]
selected outputs: [[1216000.]
 [ 940000.]
 [1310000.]
 [ 725000.]
 [ 645000.]
 [1115000.]
 [ 976000.]
 [ 750000.]
 [ 402000.]
 [ 790000.]]
Predicted value: 886900.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01592236  0.00189251  0.
  0.          0.0116321   0.01390535  0.01836749  0.          0.01363953
  0.          0.01346383 -0.01342971  0.01813136  0.00264914]
distances: [0.01935267 0.06792551 0.02135135 … 0.00639745 0.00294318
0.01407293]
sorted indices: [4339 5283 5313 … 1107 5226 2486]
selected indices: [4339 5283 5313  137 4824  881 5225 5259   10 2966]
```

```
selected outputs: [[600000.]
 [502000.]
 [430000.]
 [480000.]
 [676000.]
 [454200.]
 [731500.]
 [620000.]
 [719000.]
 [359900.]]
Predicted value: 557260.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01431223  0.00373686  0.
  0.          0.01938684  0.01390535  0.01238258  0.01535061  0.01342801
  0.          0.01341912 -0.01344325  0.01568813  0.00439008]
distances: [0.02290775 0.06756059 0.02447909 … 0.01819977 0.01820025
0.02002891]
sorted indices: [4980 1490 1899 … 1107 5226 2486]
selected indices: [4980 1490 1899 4201 3187 1131  631 4211 1981  133]
selected outputs: [[600000.]
 [652450.]
 [487000.]
 [592100.]
 [515000.]
 [275000.]
 [824000.]
 [980000.]
 [650000.]
 [295000.]]
Predicted value: 587055.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01377553  0.00328484  0.
  0.          0.01938684  0.01390535  0.00901177  0.02558435  0.01350989
  0.          0.01344825 -0.01344479  0.01813136  0.00401001]
distances: [0.0313979  0.06955748 0.03158039 … 0.02816591 0.02826473
0.02906626]
sorted indices: [ 321 3436  211 … 1107 5226 2486]
selected indices: [ 321 3436  211 3216 3089 3348  496  962 3187 2238]
selected outputs: [[902000.]
 [415000.]
 [760000.]
 [627500.]
 [555000.]
 [481000.]
 [485000.]
 [525000.]
 [515000.]
 [825000.]]
```

```
Predicted value: 609050.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01019747  0.00224725  0.
  0.          0.01550947  0.01216718  0.00715438  0.01714151  0.0134553
  0.          0.01349562 -0.01345183  0.01144462  0.00263656]
distances: [0.0199967   0.06773803 0.02239569 … 0.0205484   0.02175012
0.01876184]
sorted indices: [ 573 2065 4063 … 1107 5226 2486]
selected indices: [ 573 2065 4063 4238 3003 3487 3891  354 4091 3815]
selected outputs: [[529219.]
 [336500.]
 [509000.]
 [430000.]
 [402000.]
 [272000.]
 [425000.]
 [461000.]
 [507000.]
 [265000.]]
Predicted value: 413671.9


query set: [ 0.01345102  0.01551285  0.01204982  0.01413333  0.02461225  0.
  0.          0.01550947  0.01390535  0.01630373  0.          0.01349624
  0.          0.01337234 -0.01345865  0.01356637  0.00784236]
distances: [0.02760226 0.07136752 0.02881333 … 0.02435067 0.02407244
0.02742075]
sorted indices: [3454 1810 1967 … 1107 5226 2486]
selected indices: [3454 1810 1967 2612  615 4291 2364 1292 3338 3295]
selected outputs: [[390000.]
 [390000.]
 [407450.]
 [635000.]
 [592000.]
 [524000.]
 [510000.]
 [350000.]
 [635000.]
 [545000.]]
Predicted value: 497845.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00828917  0.00299463  0.
  0.          0.01550947  0.01216718  0.0095621   0.          0.01355765
  0.          0.0133705  -0.01344402  0.00996582  0.0033967 ]
distances: [0.00660289 0.06805818 0.01192394 … 0.01125791 0.01447014
0.00740481]
sorted indices: [3444  259 1771 … 1107 5226 2486]
selected indices: [3444  259 1771 4317 2146   81 3658 4007 2669  416]
selected outputs: [[217500.]
```

```
  [234000.]
  [246000.]
  [225000.]
  [235000.]
  [237000.]
  [245000.]
  [455000.]
  [450000.]
  [249950.]]
Predicted value: 279445.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01437187  0.00310378  0.
  0.01700788  0.01550947  0.01390535  0.01059398  0.02225838  0.01340754
  0.          0.01349013 -0.01347098  0.0161382   0.00212953]
distances: [0.03126819 0.07017339 0.03178792 … 0.02884742 0.02945395
0.02965058]
sorted indices: [ 358 4028 3147 … 1107 5226 2486]
selected indices: [ 358 4028 3147  561 2636 3027  858 3416 2422 4835]
selected outputs: [[ 815000.]
 [ 710000.]
 [ 305000.]
 [ 700000.]
 [ 750000.]
 [ 688888.]
 [1100000.]
 [ 850000.]
 [ 355000.]
 [1150000.]]
Predicted value: 742388.8


query set: [ 0.01345102  0.01551285  0.02409964  0.02981716  0.00415453  0.
  0.03401577  0.0116321   0.02085802  0.03439605  0.          0.01366
  0.          0.01344782 -0.01343928  0.02931879  0.00524919]
distances: [0.0568049  0.08261048 0.0572779  … 0.04637737 0.04427834
0.05211107]
sorted indices: [3767 2453 4926 … 1107 5226 2486]
selected indices: [3767 2453 4926 2494 1031  336 3734 5180 1957 1463]
selected outputs: [[1060000.]
 [1160000.]
 [1225000.]
 [1648000.]
 [1038000.]
 [ 780000.]
 [1465000.]
 [3204000.]
 [1250000.]
 [1460000.]]
Predicted value: 1429000.0
```

```
query set: [ 0.01345102  0.01551285  0.01355605  0.01228467  0.00332529  0.
  0.          0.01550947  0.01390535  0.00908056  0.01893242  0.01338707
  0.          0.0134472  -0.0134471   0.01324489  0.00392483]
distances: [0.02242992 0.06769711 0.02438077 … 0.02102182 0.02162029 0.0208404
]
sorted indices: [ 573  133  617 … 1107 5226 2486]
selected indices: [ 573  133  617 4019  482 3280 1720 4238 2946  687]
selected outputs: [[529219.]
 [295000.]
 [280000.]
 [330000.]
 [655000.]
 [290000.]
 [224950.]
 [430000.]
 [264500.]
 [675000.]]
Predicted value: 397366.9

query set: [ 0.01345102  0.01163464  0.01355605  0.00864698  0.00431441  0.
  0.          0.01550947  0.01216718  0.00811747  0.00690777  0.01339389
  0.          0.01337177 -0.01346086  0.00977293  0.00500866]
distances: [0.01170652 0.06744817 0.01502527 … 0.01360717 0.01647879
0.01044631]
sorted indices: [4034 4184 1914 … 1107 5226 2486]
selected indices: [4034 4184 1914 2733 1869 1695 2871   30 4635 2221]
selected outputs: [[265000.]
 [265000.]
 [258900.]
 [265000.]
 [203000.]
 [265000.]
 [269950.]
 [272500.]
 [475000.]
 [500000.]]
Predicted value: 303935.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00787173  0.00211884  0.
  0.          0.0116321   0.01216718  0.00908056  0.          0.01356447
  0.          0.0134291  -0.01346427  0.00687963  0.00267469]
distances: [0.00503459 0.0681402  0.01333385 … 0.01257081 0.01593535
0.00657295]
sorted indices: [2951 1927 3125 … 1107 5226 2486]
selected indices: [2951 1927 3125 2897 3466 1548 3614 3728 3732  578]
selected outputs: [[290000.]
 [445800.]
```

```
 [365000.]
 [205000.]
 [265000.]
 [247200.]
 [175000.]
 [481450.]
 [220000.]
 [280005.]]
Predicted value: 297445.5


query set: [ 0.01345102  0.01551285  0.00903736  0.01228467  0.00128415  0.
  0.03401577  0.0116321   0.01216718  0.01086915  0.01228049  0.0131005
  0.06647482  0.0134862  -0.0134668   0.00745829  0.0016225 ]
distances: [0.07607982 0.03517619 0.07743583 … 0.07653261 0.0768276
0.07615216]
sorted indices: [3485  778 3869 … 1107 5226 2486]
selected indices: [3485  778 3869 1793 4484 4594 1643  998  999 4667]
selected outputs: [[ 459950.]
 [ 950000.]
 [ 699000.]
 [ 765000.]
 [ 970000.]
 [ 550000.]
 [1289000.]
 [ 550000.]
 [ 550000.]
 [ 968060.]]
Predicted value: 775101.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00393586  0.00160518  0.
  0.         0.0116321   0.01042901  0.00454028  0.          0.01306638
  0.         0.01345246 -0.01346801  0.00642956  0.00202813]
distances: [0.00674099 0.06972732 0.01128884 … 0.0197688  0.02349525
0.01367877]
sorted indices: [3240 3678 2259 … 1107 5226 2486]
selected indices: [3240 3678 2259 4154 3189 1198 4481 1002 2047 2252]
selected outputs: [[225000.]
 [248500.]
 [183000.]
 [175000.]
 [215000.]
 [260000.]
 [350000.]
 [122000.]
 [325000.]
 [264950.]]
Predicted value: 236845.0
```

```
query set: [ 0.01345102  0.00775643  0.00602491  0.00709648  0.00365981  0.
  0.          0.0116321   0.01216718  0.00818626  0.          0.01331201
  0.          0.01343402 -0.01345711  0.00906568  0.00462413]
distances: [0.00490913 0.06870488 0.00952047 … 0.0153606  0.01895769
0.01170629]
sorted indices: [1960 1660 2512 … 1107 5226 2486]
selected indices: [1960 1660 2512 2426 2356 2620  747 3388 4967 3926]
selected outputs: [[324950.]
 [327000.]
 [204950.]
 [390000.]
 [425000.]
 [196700.]
 [296000.]
 [455000.]
 [215000.]
 [320000.]]
Predicted value: 315460.0

query set: [ 0.01345102  0.01551285  0.00602491  0.00918368  0.00144466  0.
  0.          0.00775473  0.01216718  0.01059398  0.          0.01299815
  0.          0.01345828 -0.01347021  0.01234476  0.00243375]
distances: [0.00741597 0.0683731  0.01255681 … 0.01282874 0.01428538
0.01122758]
sorted indices: [4493 2744 3871 … 1107 5226 2486]
selected indices: [4493 2744 3871 3499  411 4188 2835  222 1742 3990]
selected outputs: [[540000.]
 [433000.]
 [229000.]
 [185000.]
 [475000.]
 [425000.]
 [310000.]
 [249950.]
 [235000.]
 [253750.]]
Predicted value: 333570.0

query set: [ 0.01345102  0.01163464  0.01506227  0.00858734  0.00174451  0.
  0.          0.0116321   0.01216718  0.00990606  0.          0.01366682
  0.          0.0134851  -0.01343169  0.01003011  0.00152921]
distances: [0.00948548 0.06785718 0.01407046 … 0.00903306 0.01275857 0.002546
]
sorted indices: [4664  177 5277 … 1107 5226 2486]
selected indices: [4664  177 5277 2870 4828 2605 5066 5287 5320 4015]
selected outputs: [[339900.]
 [337000.]
 [255900.]
```

```
 [295000.]
 [365000.]
 [355000.]
 [348000.]
 [275000.]
 [208800.]
 [468000.]]
Predicted value: 324760.0

query set: [ 0.01345102  0.01939106  0.01204982  0.01264247  0.00077049  0.
  0.          0.01550947  0.01042901  0.00742955  0.02660772  0.01300497
  0.          0.01346137 -0.01346064  0.01086596  0.00178475]
distances: [0.0293412   0.06956725 0.03187603 … 0.02979587 0.03014863
0.02879902]
sorted indices: [3031 1425 2644 … 1107 5226 2486]
selected indices: [3031 1425 2644 4866 3547 3112 1569 1950 1680 3889]
selected outputs: [[467000.]
 [750000.]
 [268450.]
 [299000.]
 [315000.]
 [335000.]
 [289950.]
 [389000.]
 [453000.]
 [497500.]]
Predicted value: 406390.0

query set: [ 0.01345102  0.01551285  0.00602491  0.00954149  0.00144466  0.
  0.          0.01550947  0.01216718  0.01100674  0.          0.01314143
  0.          0.0134847  -0.01346273  0.01105884  0.00182531]
distances: [0.00714565 0.06830933 0.01348572 … 0.01284999 0.01436623
0.01093758]
sorted indices: [4670 4834 1385 … 1107 5226 2486]
selected indices: [4670 4834 1385 4033 4700 2226 4679  887 1127 1847]
selected outputs: [[625000.]
 [320000.]
 [366350.]
 [282500.]
 [265000.]
 [426250.]
 [430000.]
 [355000.]
 [618000.]
 [435000.]]
Predicted value: 412310.0

query set: [ 0.01345102  0.00775643  0.01054359  0.01276174  0.00160518  0.
```

```
    0.          0.0116321   0.01216718  0.00687921  0.02916616  0.01316873
   0.06650823  0.01346999 -0.01345997  0.01446651  0.0016225 ]
distances: [0.07333847 0.02167004 0.07335615 … 0.07341804 0.07406261
0.07323456]
sorted indices: [ 663 3826 1287 … 1107 5226 2486]
selected indices: [ 663 3826 1287 4322 3245 5223 1696 3836 4854 3845]
selected outputs: [[385000.]
 [645000.]
 [731100.]
 [414950.]
 [538000.]
 [500012.]
 [358000.]
 [397950.]
 [571500.]
 [270000.]]
Predicted value: 481151.2

query set: [ 0.01345102  0.01551285  0.00903736  0.01073418  0.00307424  0.
  0.          0.01550947  0.01216718  0.01238258  0.          0.01348942
  0.          0.01342418 -0.0134001   0.0088085   0.00388427]
distances: [0.0086717  0.06790864 0.01584492 … 0.01119537 0.01282583
0.00972676]
sorted indices: [ 736 1056 1647 … 1107 5226 2486]
selected indices: [ 736 1056 1647 3956  431 2719 1499 4012 4679 1977]
selected outputs: [[372000.]
 [571900.]
 [525000.]
 [400000.]
 [331500.]
 [245000.]
 [230000.]
 [385000.]
 [430000.]
 [459000.]]
Predicted value: 394940.0

query set: [ 0.01345102  0.01551285  0.01054359  0.01144979  0.00192622  0.
  0.          0.01550947  0.01216718  0.00660404  0.02456097  0.01333248
  0.          0.01349412 -0.01346262  0.01189469  0.0029205 ]
distances: [0.02620425 0.06894436 0.02799462 … 0.02738814 0.02824366
0.02626188]
sorted indices: [4762  365 1569 … 1107 5226 2486]
selected indices: [4762  365 1569 1119 4199 1680 1051  793 3112  841]
selected outputs: [[423000.]
 [542000.]
 [289950.]
 [639000.]
```

```
 [379000.]
 [453000.]
 [423000.]
 [395000.]
 [335000.]
 [555000.]]
Predicted value: 443395.0


query set: [ 0.01345102  0.02326928  0.01807473  0.01538565  0.00258884  0.
  0.          0.0116321   0.01216718  0.01293292  0.01790904  0.01305273
  0.          0.01344921 -0.01345953  0.00970864  0.00246782]
distances: [0.02638364 0.06814615 0.03075698 … 0.02244429 0.02155558
0.02284829]
sorted indices: [2300 4513 4088 … 1107 5226 2486]
selected indices: [2300 4513 4088  158 4706 4153 3384 1735  253 3048]
selected outputs: [[359999.]
 [559900.]
 [465000.]
 [442000.]
 [420000.]
 [332100.]
 [599950.]
 [685000.]
 [700000.]
 [435000.]]
Predicted value: 499894.9


query set: [ 0.01345102  0.01163464  0.01958096  0.01091308  0.00057915  0.
  0.          0.0116321   0.01390535  0.01258896  0.          0.01374187
  0.          0.01348869 -0.01346944  0.01176609  0.00073175]
distances: [0.01535759 0.06783792 0.01872004 … 0.00696073 0.01011881
0.00562681]
sorted indices: [4737 2639 1291 … 1107 5226 2486]
selected indices: [4737 2639 1291 1756 5514 3458 5349 1229 2949 1441]
selected outputs: [[387500.]
 [401000.]
 [469950.]
 [612000.]
 [610950.]
 [384205.]
 [246950.]
 [719000.]
 [357500.]
 [500000.]]
Predicted value: 468905.5


query set: [ 0.01345102  0.01551285  0.0165685   0.01127089  0.00168223  0.
  0.          0.0116321   0.01216718  0.00674163  0.02328176  0.01351671
```

```
       0.          0.01344861 -0.01346713   0.0102873   0.00212548]
distances: [0.02628572 0.06857775 0.02861292 … 0.02578543 0.02679451
0.02419848]
sorted indices: [ 781 2587 3602 … 1107 5226 2486]
selected indices: [ 781 2587 3602 4636  767 2431 1986 4608 1306 1509]
selected outputs: [[595000.]
 [462000.]
 [228950.]
 [346500.]
 [505000.]
 [250600.]
 [328000.]
 [220000.]
 [436000.]
 [285000.]]
Predicted value: 365705.0


query set: [ 0.01345102  0.01163464   0.01054359   0.00793136   0.00405084  0.
  0.05102365  0.0116321    0.01216718   0.00914935  0.          0.01353036
  0.          0.0134168   -0.01345777   0.01202328   0.00341901]
distances: [0.05141615 0.08504769 0.05194811 … 0.05208736 0.05283255
0.05154088]
sorted indices: [2806 2981 1132 … 1107 5226 2486]
selected indices: [2806 2981 1132 1085 3650 3477 3552  183  267 3992]
selected outputs: [[ 324000.]
 [ 425000.]
 [1236000.]
 [ 705000.]
 [ 519000.]
 [ 360500.]
 [ 790000.]
 [ 865000.]
 [ 720000.]
 [ 812000.]]
Predicted value: 675650.0


query set: [ 0.01345102  0.01551285   0.01506227   0.01347735   0.00195383  0.
  0.          0.0116321    0.01390535   0.01554702  0.          0.01363953
  0.          0.01339527  -0.0134471    0.01453081   0.00252218]
distances: [0.01521736 0.06757384 0.01868251 … 0.00388939 0.00338198
0.00935056]
sorted indices: [5002  310 3697 … 1107 5226 2486]
selected indices: [5002  310 3697 2831  621 1512 4083 4173 3242 4551]
selected outputs: [[419950.]
 [305000.]
 [322000.]
 [299900.]
 [580000.]
```

```
 [325900.]
 [340000.]
 [399950.]
 [570000.]
 [335000.]]
Predicted value: 389770.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00852771  0.00166939  0.
  0.          0.01550947  0.01216718  0.00708559  0.01023374  0.01348942
  0.          0.01339533 -0.01343829  0.00765118  0.00210925]
distances: [0.0115384   0.06766314 0.01631518 … 0.01747147 0.02009664
0.01341845]
sorted indices: [ 480 5018   824 … 1107 5226 2486]
selected indices: [ 480 5018   824 1829 4540 3940 4558 1676   609 1226]
selected outputs: [[386500.]
 [515000.]
 [556000.]
 [204000.]
 [550000.]
 [370000.]
 [440000.]
 [536000.]
 [443725.]
 [224000.]]
Predicted value: 422522.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01186723  0.00410702  0.
  0.          0.0116321   0.01390535  0.01368963  0.          0.01359859
  0.          0.01350006 -0.01345282  0.01472369  0.00366482]
distances: [0.01354992 0.06756716 0.01552218 … 0.00370781 0.00705494
0.00804765]
sorted indices: [4290 2112   706 … 1107 5226 2486]
selected indices: [4290 2112   706 1607 2695   797 4323 1687 2685 2839]
selected outputs: [[407500.]
 [220000.]
 [325900.]
 [490000.]
 [640000.]
 [490000.]
 [302000.]
 [470000.]
 [545000.]
 [378000.]]
Predicted value: 426840.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01353699  0.00308195  0.
  0.          0.0116321   0.01564352  0.01561581  0.          0.01357812
  0.          0.01350122 -0.01345062  0.01658826  0.0039009 ]
```

distances: [0.0161263 0.06767669 0.01765715 … 0.00334561 0.00488309
0.01059301]
sorted indices: [4671 1873 3052 … 1107 5226 2486]
selected indices: [4671 1873 3052 3611 4073 387 4137 2328 3324 1486]
selected outputs: [[330000.]
 [665000.]
 [522500.]
 [756000.]
 [389950.]
 [432900.]
 [445000.]
 [535000.]
 [570000.]
 [572500.]]
Predicted value: 521885.0

query set: [0.01345102 0.00775643 0.00903736 0.00673868 0.00023949 0.
  0.   0.0116321   0.01390535 0.00708559 0.00255843 0.01370776
  0.   0.01348131 -0.0134679   0.00977293 0.00061614]
distances: [0.00644977 0.06832161 0.01054425 … 0.01433214 0.01809288
0.00868482]
sorted indices: [5375 5464 2230 … 1107 5226 2486]
selected indices: [5375 5464 2230 4381 1692 5519 5436 2438 2683 804]
selected outputs: [[375000.]
 [403000.]
 [422250.]
 [401750.]
 [313000.]
 [414500.]
 [229800.]
 [365000.]
 [351358.]
 [375000.]]
Predicted value: 365065.8

query set: [0.01345102 0.01163464 0.01204982 0.00787173 0.00231146 0.
  0.   0.01938684 0.01216718 0.00908056 0.   0.01347577
  0.   0.0134039 -0.0134471   0.00990152 0.0029205]
distances: [0.0100188 0.06841954 0.01407668 … 0.01302866 0.01599491
0.00922377]
sorted indices: [4459 3302 3201 … 1107 5226 2486]
selected indices: [4459 3302 3201 2630 257 3070 2424 4260 3686 1953]
selected outputs: [[386100.]
 [320000.]
 [352450.]
 [495000.]
 [255000.]
 [550000.]

```
 [272000.]
 [310000.]
 [430000.]
 [376500.]]
Predicted value: 374705.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00620197  0.00308195  0.
  0.          0.0116321   0.01216718  0.00715438  0.          0.01349624
  0.          0.01348283 -0.01343488  0.0088085   0.00441685]
distances: [0.00279517 0.06881167 0.01004347 … 0.01580154 0.01871633
0.01129463]
sorted indices: [4432 2613 2127 … 1107 5226 2486]
selected indices: [4432 2613 2127 3648  493 1741  744 3377 3876 2568]
selected outputs: [[219000.]
 [217500.]
 [354000.]
 [326000.]
 [133000.]
 [230000.]
 [225000.]
 [210000.]
 [364500.]
 [365000.]]
Predicted value: 264400.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01186723  0.00288644  0.
  0.          0.0116321   0.01216718  0.01080036  0.01074543  0.01343483
  0.          0.01340367 -0.013446    0.01234476  0.00364698]
distances: [0.01563881 0.06676602 0.01803308 … 0.01235158 0.01458161
0.01216692]
sorted indices: [1407  988 3110 … 1107 5226 2486]
selected indices: [1407  988 3110 1294 1549 4026 2624  463 1450 4329]
selected outputs: [[266000.]
 [455000.]
 [560000.]
 [355000.]
 [250000.]
 [395000.]
 [285000.]
 [327500.]
 [289950.]
 [583000.]]
Predicted value: 376645.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00936259  0.00164146  0.
  0.          0.0116321   0.01216718  0.00749834  0.01228049  0.01361906
  0.          0.01338637 -0.01345986  0.01009441  0.00208897]
distances: [0.01551178 0.0672514   0.01835423 … 0.01604645 0.01855641
```

0.01292093]
sorted indices: [4975 3301 5356 … 1107 5226 2486]
selected indices: [4975 3301 5356 2285 1473 1795 3581 3247 5294 991]
selected outputs: [[269950.]
 [182700.]
 [295500.]
 [482500.]
 [450000.]
 [295000.]
 [640000.]
 [310000.]
 [480000.]
 [425000.]]
Predicted value: 383065.0

query set: [0.01345102 0.01163464 0.01506227 0.00942222 0.00183793 0.
  0.   0.0116321   0.01216718 0.01086915 0.   0.01367364
  0.   0.01350752 -0.01344567 0.00970864 0.0023222]
distances: [0.00981065 0.0677051 0.01475327 … 0.00814675 0.01194014
0.00288903]
sorted indices: [2870 1242 2605 … 1107 5226 2486]
selected indices: [2870 1242 2605 4664 3417 3718 2635 177 112 2940]
selected outputs: [[295000.]
 [310000.]
 [355000.]
 [339900.]
 [372000.]
 [415000.]
 [500000.]
 [337000.]
 [268000.]
 [210000.]]
Predicted value: 340190.0

query set: [0.01345102 0.01163464 0.01355605 0.0102571   0.00128415 0.
  0.   0.01550947 0.01216718 0.00997486 0.00690777 0.01310732
  0.   0.01348128 -0.01345942 0.00906568 0.0016225]
distances: [0.01158776 0.06712832 0.01639766 … 0.01192671 0.01488355
0.00851194]
sorted indices: [3625 1639 1695 … 1107 5226 2486]
selected indices: [3625 1639 1695 697 2733 483 4034 1419 1869 4558]
selected outputs: [[712000.]
 [550000.]
 [265000.]
 [266000.]
 [265000.]
 [475000.]
 [265000.]

```
 [235000.]
 [203000.]
 [440000.]]
Predicted value: 367600.0


query set: [ 0.01345102   0.01163464   0.01054359   0.0060827    0.00160518   0.
  0.          0.01938684   0.01042901   0.00701679   0.          0.01333248
  0.          0.01344307  -0.01345986   0.0087442    0.00202813]
distances: [0.0092643   0.06895288  0.01346772 … 0.01601915  0.01911422
0.01091255]
sorted indices: [1477 3686 1625 … 1107 5226 2486]
selected indices: [1477 3686 1625 4342 4341 1208 2583  256 3024 2424]
selected outputs: [[258000.]
 [430000.]
 [350000.]
 [219950.]
 [132825.]
 [310000.]
 [670000.]
 [530000.]
 [218000.]
 [272000.]]
Predicted value: 339077.5


query set: [ 0.01345102   0.01163464   0.00602491   0.00828917   0.00154547   0.
  0.          0.0116321    0.01042901   0.0095621    0.          0.01301862
  0.          0.01348688  -0.01346317   0.01112314   0.00161844]
distances: [0.00368714 0.06833061 0.00964095 … 0.01307582 0.01602807
0.00999613]
sorted indices: [ 584  299 4454 … 1107 5226 2486]
selected indices: [ 584  299 4454 1498  750 2482 2168 1135 3605 4682]
selected outputs: [[299500.]
 [505000.]
 [268000.]
 [350000.]
 [464000.]
 [357000.]
 [420000.]
 [265000.]
 [427500.]
 [215000.]]
Predicted value: 357100.0


query set: [ 0.01345102   0.01163464   0.01958096   0.01383516   0.00216507   0.
  0.          0.0116321    0.01564352   0.01327688   0.0099779    0.01374187
  0.          0.01349398  -0.0134602    0.01093025   0.00273554]
distances: [0.01934139 0.06691105 0.02278963 … 0.01192972 0.01344813
0.01271678]
```

```
sorted indices: [1110 1500 5334 … 1107 5226 2486]
selected indices: [1110 1500 5334 5172 5297 2056 5385  548 5001 3957]
selected outputs: [[477590.]
 [925000.]
 [798500.]
 [575000.]
 [420000.]
 [385000.]
 [556000.]
 [852000.]
 [530000.]
 [790000.]]
Predicted value: 630909.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01294065  0.00262255  0.
  0.          0.0116321   0.01390535  0.01492789  0.          0.01366682
  0.          0.01342896 -0.01344325  0.01440221  0.00273107]
distances: [0.01415525 0.06746787 0.01678244 … 0.00132167 0.00565859
0.00802436]
sorted indices: [ 341 2722 1403 … 1107 5226 2486]
selected indices: [ 341 2722 1403 1460 3737 2839 2116 2695 2685 4323]
selected outputs: [[302495.]
 [269100.]
 [569000.]
 [368250.]
 [475000.]
 [378000.]
 [549000.]
 [640000.]
 [545000.]
 [302000.]]
Predicted value: 439784.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01079381  0.00102475  0.
  0.          0.0116321   0.01216718  0.00736076  0.01893242  0.01365317
  0.          0.01350054 -0.01342453  0.01118743  0.00150893]
distances: [0.02151165 0.06770171 0.02342419 … 0.02121263 0.02301844
0.01942497]
sorted indices: [ 264 5191  167 … 1107 5226 2486]
selected indices: [ 264 5191  167 2436 3852 1666 2631 1149 5315 1600]
selected outputs: [[253000.]
 [672000.]
 [577000.]
 [423500.]
 [340000.]
 [750000.]
 [535000.]
 [477000.]
```

```
  [749950.]
  [580000.]]
Predicted value: 535745.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00793136  0.00221515  0.
  0.          0.0116321   0.01216718  0.00914935  0.          0.01348259
  0.          0.01337805 -0.01346988  0.00983723  0.00283938]
distances: [0.00196019 0.06836699 0.0101918  … 0.01345618 0.01634009
0.00982165]
sorted indices: [2482 4277 2224 … 1107 5226 2486]
selected indices: [2482 4277 2224 2168 4521 1700 4812 4526  676 2255]
selected outputs: [[357000.]
 [379950.]
 [233000.]
 [420000.]
 [447000.]
 [230000.]
 [296500.]
 [399000.]
 [250000.]
 [392000.]]
Predicted value: 340445.0


query set: [ 0.01345102  0.01551285  0.01204982  0.00876624  0.0026951   0.
  0.          0.01550947  0.01216718  0.01011244  0.          0.01340754
  0.          0.01347073 -0.01344082  0.01131603  0.00323527]
distances: [0.00907247 0.06802209 0.01391204 … 0.01037836 0.01236016
0.00755423]
sorted indices: [ 574 3073 3105 … 1107 5226 2486]
selected indices: [ 574 3073 3105 3272 1573  715  818 2246 4884 2347]
selected outputs: [[205000.]
 [440000.]
 [626000.]
 [334009.]
 [287000.]
 [330000.]
 [658600.]
 [410000.]
 [560000.]
 [304000.]]
Predicted value: 415460.9


query set: [ 0.01345102  0.01163464  0.01054359  0.01067454  0.00246524  0.
  0.          0.01550947  0.01216718  0.01231379  0.          0.01332566
  0.          0.01350274 -0.01346515  0.01003011  0.0031152 ]
distances: [0.00833079 0.06768583 0.01399903 … 0.00892358 0.01207304
0.00741247]
sorted indices: [4787  637 2484 … 1107 5226 2486]
```

```
selected indices: [4787  637 2484 3418 2134 3634 2018 2652 4869 4234]
selected outputs: [[443000.]
 [340500.]
 [229950.]
 [440250.]
 [575000.]
 [272000.]
 [251000.]
 [330000.]
 [725000.]
 [237000.]]
Predicted value: 384370.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01562419  0.00921471  0.
  0.          0.0116321   0.01738169  0.01802353  0.          0.013544
  0.          0.01349697 -0.01344049  0.0189672   0.01228638]
distances: [0.02329385 0.06902735 0.02341771 … 0.01399729 0.01328466
0.02021351]
sorted indices: [ 255 1747 3981 … 1107 5226 2486]
selected indices: [ 255 1747 3981  366 4079 2316 2425 2914 1471 1436]
selected outputs: [[660000.]
 [465000.]
 [480000.]
 [658588.]
 [560000.]
 [545000.]
 [375000.]
 [590000.]
 [424000.]
 [489000.]]
Predicted value: 524658.8

query set: [ 0.01345102  0.01551285  0.01807473  0.01264247  0.00245593  0.
  0.          0.0116321   0.01390535  0.01458393  0.          0.01340072
  0.          0.01346801 -0.01344336  0.01453081  0.00319835]
distances: [0.01651444 0.06772991 0.01943895 … 0.00522309 0.00539565
0.00928233]
sorted indices: [ 691 5103 1401 … 1107 5226 2486]
selected indices: [ 691 5103 1401 5053 1186 4600 4810 3908  621 1973]
selected outputs: [[354450.]
 [395000.]
 [587000.]
 [355000.]
 [412000.]
 [409950.]
 [310000.]
 [361500.]
 [580000.]
```

```
  [325000.]]
Predicted value: 408990.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01091308  0.00283507  0.
  0.          0.0116321   0.01216718  0.01004365  0.00946621  0.01350306
  0.          0.01349833 -0.01345161  0.01498087  0.00327096]
distances: [0.01440872 0.06696658 0.01527759 … 0.01162013 0.01386212
0.01174781]
sorted indices: [3791 1294   565 … 1107 5226 2486]
selected indices: [3791 1294   565 3282   68 4924 2362   463 4206 1450]
selected outputs: [[500000.]
 [355000.]
 [399000.]
 [317000.]
 [279950.]
 [403000.]
 [580000.]
 [327500.]
 [385000.]
 [289950.]]
Predicted value: 383640.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00709648  0.00240777  0.
  0.          0.01938684  0.01216718  0.00818626  0.          0.01342801
  0.          0.01338413 -0.01344358  0.00771547  0.00395484]
distances: [0.00800523 0.06905646 0.01376636 … 0.0170867  0.01975332
0.01320452]
sorted indices: [2321 3906 3557 … 1107 5226 2486]
selected indices: [2321 3906 3557   449 1867 1670   139   768   682 1255]
selected outputs: [[220000.]
 [387000.]
 [235000.]
 [345000.]
 [485000.]
 [234000.]
 [288000.]
 [316000.]
 [161500.]
 [245000.]]
Predicted value: 291650.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00793136  0.0117297   0.
  0.          0.01550947  0.01216718  0.00914935  0.          0.01357129
  0.          0.01338068 -0.01344214  0.01060877  0.01423744]
distances: [0.01680387 0.06966295 0.01788457 … 0.01919851 0.02112689
0.01890147]
sorted indices: [2495   320 3151 … 1107 5226 2486]
selected indices: [2495   320 3151 2345 2548 1645   162 3850 4074 4918]
```

```
selected outputs: [[259500.]
 [535000.]
 [207000.]
 [299000.]
 [285000.]
 [320000.]
 [265000.]
 [500000.]
 [390000.]
 [229500.]]
Predicted value: 329000.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01812883  0.00675846  0.
  0.          0.01550947  0.01738169  0.0209128   0.          0.01350989
  0.          0.01347271 -0.01345271  0.0189672   0.00853922]
distances: [0.02471458 0.06883295 0.02567738 … 0.01269276 0.01122131
0.02013734]
sorted indices: [1747 4193 3751 … 1107 5226 2486]
selected indices: [1747 4193 3751  160 4899 2724 2950   65 2538 1317]
selected outputs: [[465000.]
 [725000.]
 [780000.]
 [900000.]
 [885000.]
 [795000.]
 [515000.]
 [465000.]
 [605000.]
 [850000.]]
Predicted value: 698500.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01192686  0.00269671  0.
  0.          0.01550947  0.01390535  0.01375842  0.          0.0133666
  0.          0.01350537 -0.01346471  0.01285912  0.00340725]
distances: [0.01068845 0.06761904 0.01448174 … 0.00682805 0.00942138
0.00873322]
sorted indices: [1274 2335  127 … 1107 5226 2486]
selected indices: [1274 2335  127 1413 1336  136 3566 1375 1943  997]
selected outputs: [[525000.]
 [445000.]
 [811000.]
 [485000.]
 [589950.]
 [342000.]
 [681000.]
 [890000.]
 [299900.]
 [675000.]]
```

Predicted value: 574385.0

query set: [0.01345102 0.01163464 0.01355605 0.01168833 0.0028492   0.
  0.   0.0116321   0.01216718 0.00887418 0.01714151 0.01340754
  0.   0.01338685 -0.01346108 0.01215187 0.00352894]
distances: [0.0196945   0.06725382 0.02145937 … 0.01888465 0.02060372 0.0181265
]
sorted indices: [3704 827 1749 … 1107 5226 2486]
selected indices: [3704 827 1749 2436 2392 3907 3104 1992 3726 4477]
selected outputs: [[350000.]
 [456500.]
 [355000.]
 [423500.]
 [440000.]
 [466000.]
 [437000.]
 [570000.]
 [620000.]
 [415000.]]
Predicted value: 453300.0

query set: [0.01345102 0.01551285 0.01506227 0.01461041 0.00869398 0.
  0.   0.0116321   0.01390535 0.01685407 0.   0.013544
  0.   0.01349525 -0.01343939 0.01690974 0.00487764]
distances: [0.01887548 0.06806569 0.02051764 … 0.00880118 0.00745654
0.01492789]
sorted indices: [4472 3168 4796 … 1107 5226 2486]
selected indices: [4472 3168 4796 2892 3284 1190 3165 393 2106 2100]
selected outputs: [[665000.]
 [645000.]
 [469950.]
 [490000.]
 [360000.]
 [760000.]
 [728000.]
 [775000.]
 [616000.]
 [787888.]]
Predicted value: 629683.8

query set: [0.01345102 0.00775643 0.01506227 0.01109198 0.00204147 0.
  0.   0.0116321   0.01216718 0.01279533 0.   0.01366682
  0.   0.01340107 -0.01343114 0.01195898 0.00257937]
distances: [0.01210218 0.06759836 0.01469111 … 0.00625147 0.01124264
0.00618772]
sorted indices: [4069 5412 4126 … 1107 5226 2486]
selected indices: [4069 5412 4126 268 1694 4602 279 2368 1672 755]
selected outputs: [[541500.]

```
 [272167.]
 [160000.]
 [420000.]
 [378000.]
 [548050.]
 [554000.]
 [505000.]
 [745000.]
 [299950.]]
Predicted value: 442366.7


query set: [ 0.01345102  0.01163464  0.00903736  0.00924332  0.00233072  0.
  0.         0.00775473  0.01042901  0.01066278  0.         0.01313461
  0.         0.013425   -0.01346636  0.00765118  0.00309086]
distances: [0.00635257 0.0680596  0.01368076 … 0.01248136 0.0156724
0.00886448]
sorted indices: [3067 3946 1892 … 1107 5226 2486]
selected indices: [3067 3946 1892 3654 1354 4009 4253  575 2154 1796]
selected outputs: [[175000.]
 [175000.]
 [499100.]
 [265800.]
 [350000.]
 [162500.]
 [468000.]
 [310000.]
 [224000.]
 [419900.]]
Predicted value: 304930.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01067454  0.00196378  0.
  0.03401577  0.0116321   0.01390535  0.00928693  0.01125711  0.01323696
  0.         0.01347231 -0.01347208  0.01260194  0.00225284]
distances: [0.03657543 0.07517235 0.03755966 … 0.03683291 0.03767314
0.03634929]
sorted indices: [4633 4158 4156 … 1107 5226 2486]
selected indices: [4633 4158 4156  900 2846  132  579 3671 4051 4131]
selected outputs: [[449500.]
 [490000.]
 [525000.]
 [625000.]
 [500000.]
 [460000.]
 [340000.]
 [573300.]
 [294950.]
 [672500.]]
Predicted value: 493025.0
```

```
query set: [ 0.01345102  0.01163464  0.02108718  0.01067454  0.00053998  0.
  0.          0.0116321   0.01216718  0.01018123  0.00793115  0.01368729
  0.          0.01344556 -0.01346328  0.00739399  0.0016225 ]
distances: [0.01763381 0.06743214 0.02192455 … 0.01392245 0.01663349
0.01057214]
sorted indices: [2056 3818 5297 … 1107 5226 2486]
selected indices: [2056 3818 5297 5325 1080 5377 5437 5094 4297 5289]
selected outputs: [[385000.]
 [470000.]
 [420000.]
 [357500.]
 [395000.]
 [300000.]
 [448000.]
 [622000.]
 [346500.]
 [654000.]]
Predicted value: 439800.0

query set: [ 0.01345102  0.00387821  0.00602491  0.00429367  0.00080259  0.
  0.          0.0116321   0.01216718  0.00495303  0.          0.01303226
  0.          0.01347885 -0.01346592  0.00977293  0.00152109]
distances: [0.00898627 0.06980146 0.00931017 … 0.01921579 0.02327335
0.01416753]
sorted indices: [ 966 3188 3241 … 1107 5226 2486]
selected indices: [ 966 3188 3241 2430 4585 2509 2218 4516 3567  739]
selected outputs: [[395000.]
 [299000.]
 [395000.]
 [411000.]
 [351000.]
 [124000.]
 [382888.]
 [290000.]
 [580000.]
 [295000.]]
Predicted value: 352288.8

query set: [ 0.01345102  0.01163464  0.01506227  0.00870661  0.00097723  0.
  0.          0.0116321   0.01216718  0.01004365  0.          0.01364635
  0.          0.01344612 -0.01346053  0.00958004  0.00123472]
distances: [0.00954013 0.06786069 0.01452865 … 0.00918608 0.01290338
0.00206497]
sorted indices: [5277  177 5066 … 1107 5226 2486]
selected indices: [5277  177 5066 4828 4664 5320 4689 2870 5060 2605]
selected outputs: [[255900.]
 [337000.]
```

```
 [348000.]
 [365000.]
 [339900.]
 [208800.]
 [403000.]
 [295000.]
 [399000.]
 [355000.]]
Predicted value: 330660.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01276174  0.00248932  0.
  0.          0.0116321   0.01390535  0.01472151  0.          0.01361906
  0.          0.01349514 -0.01346515  0.01086596  0.00315374]
distances: [0.01350809 0.06749183 0.01881662 … 0.0056169  0.00665591
0.00761114]
sorted indices: [ 396 4059 4831 … 1107 5226 2486]
selected indices: [ 396 4059 4831 5268 4245 3800 4249 1946 1879 5146]
selected outputs: [[420000.]
 [652600.]
 [497000.]
 [392000.]
 [772000.]
 [220000.]
 [415000.]
 [566000.]
 [272000.]
 [635000.]]
Predicted value: 484160.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01991786  0.00407395  0.
  0.          0.0116321   0.01738169  0.01754199  0.02021164  0.01334613
  0.06640801  0.01348077 -0.01345766  0.02147473  0.00384533]
distances: [0.07337926 0.01673072 0.07344999 … 0.07023059 0.06998087
0.07182212]
sorted indices: [  37 2344 4915 … 1107 5226 2486]
selected indices: [  37 2344 4915 1017 2049 3621 4738 2329 3827 4132]
selected outputs: [[1450000.]
 [ 580000.]
 [ 930000.]
 [ 825050.]
 [1325000.]
 [1950000.]
 [ 625000.]
 [ 685000.]
 [ 925000.]
 [1307000.]]
Predicted value: 1060205.0
```

```
query set: [ 0.01345102  0.01163464  0.01506227  0.00751392  0.00088831  0.
  0.          0.0116321   0.01390535  0.00866781  0.          0.01363953
  0.          0.01343125 -0.01344501  0.00842272  0.00112236]
distances: [0.00935828 0.06815887 0.01486942 … 0.01117532 0.01459534
0.00293053]
sorted indices: [4587 1707 4300 … 1107 5226 2486]
selected indices: [4587 1707 4300 5234  340 1753 2843 1115 5311 1409]
selected outputs: [[343000.]
 [305000.]
 [445700.]
 [540000.]
 [340000.]
 [375000.]
 [375000.]
 [369000.]
 [563500.]
 [530000.]]
Predicted value: 418620.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01264247  0.00076214  0.
  0.          0.0116321   0.01390535  0.0121762   0.00895452  0.01368047
  0.          0.01348289 -0.01344358  0.01594531  0.00123432]
distances: [0.01639642 0.06690962 0.01771667 … 0.00984171 0.01155249
0.01153885]
sorted indices: [3712 3746 2362 … 1107 5226 2486]
selected indices: [3712 3746 2362 1294 5385 5133 5506 5334 4803 2938]
selected outputs: [[ 666000.]
 [ 420000.]
 [ 580000.]
 [ 355000.]
 [ 556000.]
 [ 571000.]
 [ 589999.]
 [ 798500.]
 [ 855000.]
 [1065000.]]
Predicted value: 645649.9

query set: [ 0.01345102  0.01551285  0.01506227  0.0119865   0.0025593   0.
  0.          0.01550947  0.01390535  0.01382721  0.          0.01357129
  0.          0.0134558  -0.01342993  0.01350208  0.00345228]
distances: [0.01406075 0.06769787 0.0176889  … 0.00622615 0.00695311
0.00868986]
sorted indices: [1506 1653 1686 … 1107 5226 2486]
selected indices: [1506 1653 1686 1975  234  904  959 4440 2553 1236]
selected outputs: [[320000.]
 [355000.]
 [601000.]
```

```
 [615000.]
 [270000.]
 [322500.]
 [586000.]
 [465000.]
 [521000.]
 [593450.]]
Predicted value: 464895.0


query set: [ 0.01345102  0.01551285  0.01355605  0.02105091  0.0017657   0.
  0.          0.0116321   0.01390535  0.01967454  0.01714151  0.01323696
  0.          0.01347944 -0.01345799  0.01825995  0.00223094]
distances: [0.02813544 0.06782456 0.03006953 … 0.01994244 0.01858582
0.02475588]
sorted indices: [1382 5143 3140 … 1107 5226 2486]
selected indices: [1382 5143 3140 5490 3446 3784  922 5434 2585 3544]
selected outputs: [[550000.]
 [550000.]
 [499000.]
 [599832.]
 [635000.]
 [915000.]
 [681000.]
 [775000.]
 [750000.]
 [870000.]]
Predicted value: 682483.2


query set: [ 0.01345102  0.01551285  0.00903736  0.00966076  0.00174772  0.
  0.          0.0116321   0.01390535  0.01114432  0.          0.01333931
  0.          0.01349208 -0.01346064  0.01041589  0.00280368]
distances: [0.00683329 0.0679234  0.01391428 … 0.01020623 0.01184369
0.00769431]
sorted indices: [2884 3213 1742 … 1107 5226 2486]
selected indices: [2884 3213 1742 1769 1581  993 4188 4685 3603 1348]
selected outputs: [[559500.]
 [375000.]
 [235000.]
 [215000.]
 [375000.]
 [825000.]
 [425000.]
 [442200.]
 [619000.]
 [430000.]]
Predicted value: 450070.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00918368  0.00040322  0.
```

```
   0.          0.0116321   0.01390535  0.01059398  0.          0.01367364
   0.          0.01347605 -0.01346603  0.00964434  0.00054759]
distances: [0.01008172 0.06783582 0.0153297  … 0.00858659 0.01210852 0.0002294
]
sorted indices: [5526 5518 5238 … 1107 5226 2486]
selected indices: [5526 5518 5238 4859 1716 5351  794 5452 2145  163]
selected outputs: [[360000.]
 [385000.]
 [599950.]
 [425000.]
 [408000.]
 [375000.]
 [580000.]
 [375000.]
 [349950.]
 [290000.]]
Predicted value: 414790.0

query set: [ 0.01345102  0.01163464  0.01204982  0.00733502  0.00264373  0.
  0.          0.0116321   0.01042901  0.00846143  0.          0.0133666
  0.          0.01342952 -0.01346141  0.00694392  0.00417023]
distances: [0.00682207 0.0682325  0.01346227 … 0.01317571 0.01669092
0.00741435]
sorted indices: [1523 2783 1927 … 1107 5226 2486]
selected indices: [1523 2783 1927 2951 3466 2897 2005 4985 2132 1399]
selected outputs: [[152000.]
 [300000.]
 [445800.]
 [290000.]
 [265000.]
 [205000.]
 [329000.]
 [185000.]
 [403000.]
 [260000.]]
Predicted value: 283480.0

query set: [ 0.01345102  0.01551285  0.00903736  0.01085344  0.00575233  0.
  0.          0.01550947  0.01390535  0.00818626  0.01611814  0.01338707
  0.          0.01343962 -0.01344765  0.01215187  0.00618213]
distances: [0.0189655  0.06782224 0.02114636 … 0.02062276 0.02145652
0.02000406]
sorted indices: [4006 4091  965 … 1107 5226 2486]
selected indices: [4006 4091  965 3003 3652 2747 3308 2065 2816  883]
selected outputs: [[635000.]
 [507000.]
 [414250.]
 [402000.]
```

```
  [302000.]
  [445500.]
  [455000.]
  [336500.]
  [268500.]
  [325000.]]
Predicted value: 409075.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00715612  0.00274807  0.
  0.          0.01550947  0.01216718  0.00825505  0.          0.01347577
  0.          0.01350133 -0.0134493   0.00996582  0.00316388]
distances: [0.00525559 0.06837997 0.01069545 … 0.01312894 0.01621831
0.00869779]
sorted indices: [3976 2277 4542 … 1107 5226 2486]
selected indices: [3976 2277 4542 2854 4471 4583 4804 4724 3658 4007]
selected outputs: [[390000.]
  [188000.]
  [245000.]
  [220000.]
  [330000.]
  [400000.]
  [208000.]
  [550000.]
  [245000.]
  [455000.]]
Predicted value: 323100.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01174796  0.00083502  0.
  0.          0.0116321   0.01216718  0.00990606  0.0135597   0.01363953
  0.          0.01346052 -0.01346185  0.01131603  0.00122702]
distances: [0.01776087 0.06705051 0.0211966  … 0.01582963 0.01698472
0.01455984]
sorted indices: [1123 3099 1203 … 1107 5226 2486]
selected indices: [1123 3099 1203 1825  404  897 4010 3490 3525  270]
selected outputs: [[564500.]
  [700000.]
  [528000.]
  [300000.]
  [607010.]
  [249000.]
  [485000.]
  [542000.]
  [318000.]
  [283000.]]
Predicted value: 457651.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01031674  0.00217791  0.
  0.          0.01550947  0.01216718  0.01190103  0.          0.01325061
```

```
    0.          0.01347503 -0.0134723   0.00777977  0.00275176]
distances: [0.00880107 0.06774439 0.01553641 … 0.00991306 0.01320243
0.00653909]
sorted indices: [4220 2134 2018 … 1107 5226 2486]
selected indices: [4220 2134 2018 2867 3179 2060 4507 1009 3176 4475]
selected outputs: [[229000.]
 [575000.]
 [251000.]
 [225000.]
 [432000.]
 [270000.]
 [275250.]
 [282500.]
 [260000.]
 [316000.]]
Predicted value: 311575.0


query set: [ 0.01345102  0.01163464  0.00903736  0.0119865   0.00304342  0.
  0.          0.0116321   0.01390535  0.01080036  0.01125711  0.01331201
  0.          0.01349313 -0.01345887  0.01234476  0.00356585]
distances: [0.0136953  0.0669249  0.01656739 … 0.01403398 0.01583053
0.01391563]
sorted indices: [3457 1515 2648 … 1107 5226 2486]
selected indices: [3457 1515 2648 3615 4159 3266 4725 2673 3282  248]
selected outputs: [[447500.]
 [509007.]
 [399000.]
 [429950.]
 [415000.]
 [442573.]
 [432100.]
 [460000.]
 [317000.]
 [390000.]]
Predicted value: 424213.0


query set: [ 0.01345102  0.01939106  0.0165685   0.01747285  0.01008407  0.
  0.          0.01550947  0.01564352  0.0104564   0.03607393  0.01347577
  0.          0.01344997 -0.01344842  0.01973875  0.00502083]
distances: [0.04258808 0.07317564 0.04287292 … 0.03907291 0.03837479
0.04078667]
sorted indices: [2383 1768 3011 … 1107 2486 5226]
selected indices: [2383 1768 3011 4549 4161 4302 3893  518 4214 4990]
selected outputs: [[449228.]
 [707000.]
 [400000.]
 [610000.]
 [575000.]
```

```
 [725000.]
 [780000.]
 [962000.]
 [635700.]
 [968000.]]
Predicted value: 681192.8


query set: [ 0.01345102   0.01163464   0.00903736   0.00870661   0.00208032   0.
  0.03401577   0.01550947   0.01216718   0.00674163   0.01228049   0.01323696
  0.          0.01348917 -0.01347164   0.01401644   0.00280368]
distances: [0.03696199 0.07576918 0.03718365 … 0.03827751 0.03929022
0.03744552]
sorted indices: [3671 4156  579 … 1107 5226 2486]
selected indices: [3671 4156  579 4633 4131 2660 4158 2291  900 1838]
selected outputs: [[573300.]
 [525000.]
 [340000.]
 [449500.]
 [672500.]
 [650000.]
 [490000.]
 [390000.]
 [625000.]
 [485000.]]
Predicted value: 520030.0


query set: [ 0.01345102   0.01163464   0.01204982   0.010436     0.00084754   0.
  0.          0.0116321    0.01390535   0.006948     0.01893242   0.01305956
  0.06697589   0.01347381 -0.01346845   0.01125173   0.00184965]
distances: [0.0700329  0.01314238 0.07064719 … 0.07036099 0.07090021
0.06979961]
sorted indices: [1397 1118 3245 … 1107 5226 2486]
selected indices: [1397 1118 3245 3826 4974  996  663 4718  708 3064]
selected outputs: [[530000.]
 [468000.]
 [538000.]
 [645000.]
 [872500.]
 [515000.]
 [385000.]
 [529000.]
 [375000.]
 [501000.]]
Predicted value: 535850.0


query set: [ 0.01345102   0.01163464   0.01204982   0.01097271   0.00261324   0.
  0.          0.01550947   0.01216718   0.00715438   0.02046748   0.01347577
  0.          0.01338012 -0.01346372   0.0102873    0.0027258 ]
```

distances: [0.02214303 0.06800994 0.02418851 … 0.02331693 0.02501718
0.02169394]
sorted indices: [4388 4352 376 … 1107 5226 2486]
selected indices: [4388 4352 376 3226 3897 4354 4316 1319 582 1060]
selected outputs: [[423000.]
 [385000.]
 [652000.]
 [455000.]
 [547500.]
 [655000.]
 [288000.]
 [389000.]
 [287500.]
 [710000.]]
Predicted value: 479200.0

query set: [0.01345102 0.00775643 0.00602491 0.00494965 0.00090532 0.
   0.   0.01550947 0.01216718 0.00570974 0.   0.0131005
   0.   0.01348713 -0.01346614 0.00938716 0.00127772]
distances: [0.00653734 0.06939072 0.0096579 … 0.01777488 0.02132989
0.01251768]
sorted indices: [4772 4422 108 … 1107 5226 2486]
selected indices: [4772 4422 108 1243 4014 5142 4396 3469 4001 4747]
selected outputs: [[464050.]
 [334000.]
 [352000.]
 [350000.]
 [375000.]
 [399950.]
 [747000.]
 [550000.]
 [500000.]
 [325000.]]
Predicted value: 439700.0

query set: [0.01345102 0.01551285 0.0165685   0.01574346 0.00288933 0.
   0.   0.0116321   0.01738169 0.01816112 0.   0.01357812
   0.   0.01347556 -0.0134417   0.01916009 0.0037062]
distances: [0.02108271 0.06826097 0.02264405 … 0.00804583 0.00421522
0.01531035]
sorted indices: [5245   67 2286 … 1107 5226 2486]
selected indices: [5245   67 2286 3538 2543 2682 3585 1760 4403 3174]
selected outputs: [[572000.]
 [686000.]
 [812500.]
 [695000.]
 [755000.]
 [715000.]

```
[740000.]
[635000.]
[379000.]
[627250.]]
Predicted value: 661675.0

query set: [ 0.01345102  0.01939106  0.01054359  0.01067454  0.00299687  0.
  0.          0.01938684  0.01390535  0.01231379  0.          0.01331884
  0.          0.01346041 -0.01345007  0.01183039  0.00389887]
distances: [0.01374401 0.06849059 0.01862018 … 0.01309753 0.0128581  0.0129686
]
sorted indices: [ 261  223  986 … 1107 5226 2486]
selected indices: [ 261  223  986 2819 1180 1318 2334 2959 1228 1412]
selected outputs: [[ 290000.]
 [ 710000.]
 [ 385000.]
 [1000000.]
 [ 540000.]
 [ 285900.]
 [ 300000.]
 [ 510000.]
 [ 261000.]
 [ 158550.]]
Predicted value: 444045.0

query set: [ 0.01345102  0.01551285  0.01054359  0.00912405  0.00116055  0.
  0.          0.01550947  0.01216718  0.01052519  0.          0.01305273
  0.          0.01347692 -0.01346471  0.01060877  0.00170363]
distances: [0.00809171 0.06803313 0.01416034 … 0.01076755 0.01271554
0.00750774]
sorted indices: [4679 4884  818 … 1107 5226 2486]
selected indices: [4679 4884  818  635 3073  574 1499 3105  479 3272]
selected outputs: [[430000.]
 [560000.]
 [658600.]
 [679000.]
 [440000.]
 [205000.]
 [230000.]
 [626000.]
 [520000.]
 [334009.]]
Predicted value: 468260.9

query set: [ 0.01345102  0.01163464  0.01204982  0.00876624  0.00256829  0.
  0.          0.01550947  0.01390535  0.01011244  0.          0.01346895
  0.          0.01338252 -0.01347032  0.01273053  0.003245  ]
distances: [0.00893061 0.06795743 0.01192543 … 0.00906374 0.01211326
```

```
0.00668148]
sorted indices: [2923 3856 4144 … 1107 5226 2486]
selected indices: [2923 3856 4144 1642 1669 4940 3013  420 4458 1609]
selected outputs: [[300000.]
 [244000.]
 [390000.]
 [595000.]
 [200000.]
 [272500.]
 [405000.]
 [549500.]
 [220000.]
 [440000.]]
Predicted value: 361600.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01455077  0.0016055   0.
  0.          0.0116321   0.01390535  0.01678527  0.          0.01368047
  0.          0.01343673 -0.01344919  0.01453081  0.00202853]
distances: [0.01632618 0.06758467 0.01995475 … 0.00419031 0.00257478
0.01045284]
sorted indices: [5322 4173 4551 … 1107 5226 2486]
selected indices: [5322 4173 4551 5433 4466  305 1535 4713   23  525]
selected outputs: [[386000.]
 [399950.]
 [335000.]
 [400000.]
 [490000.]
 [510000.]
 [321000.]
 [305000.]
 [360000.]
 [352000.]]
Predicted value: 385895.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00500928  0.00134835  0.
  0.          0.0116321   0.00869084  0.00577854  0.          0.01322331
  0.          0.01344194 -0.01346273  0.00533653  0.00202813]
distances: [0.0069108  0.06953235 0.01249439 … 0.0194831  0.02330164
0.01366882]
sorted indices: [1630 1587  322 … 1107 5226 2486]
selected indices: [1630 1587  322 3665 4481 3549 1198 3240 3678 2047]
selected outputs: [[238950.]
 [394475.]
 [406000.]
 [212625.]
 [350000.]
 [348000.]
 [260000.]
```

```
 [225000.]
 [248500.]
 [325000.]]
Predicted value: 300855.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00960112  0.00328388  0.
  0.          0.01938684  0.01390535  0.01107553  0.          0.01338025
  0.          0.01344867 -0.0134471   0.0145951   0.0035695 ]
distances: [0.01176652 0.06828599 0.01321627 … 0.01098009 0.01315526
0.01100495]
sorted indices: [1792 1381 2877 … 1107 5226 2486]
selected indices: [1792 1381 2877 1546 3522  586 3065 2102 4453  944]
selected outputs: [[678000.]
 [725000.]
 [785000.]
 [686000.]
 [329900.]
 [517100.]
 [685650.]
 [425000.]
 [468000.]
 [312500.]]
Predicted value: 561215.0


query set: [ 0.01345102  0.02326928  0.02711209  0.01639944  0.00141256  0.
  0.          0.0116321   0.01390535  0.0121762   0.02507266  0.01355765
  0.          0.01348693 -0.01346482  0.01195898  0.00178475]
distances: [0.03643448 0.07055656 0.03935649 … 0.03060418 0.02973667
0.03117466]
sorted indices: [ 488 5062 2837 … 1107 5226 2486]
selected indices: [ 488 5062 2837  198 3513 3407  517  141  961 4881]
selected outputs: [[1125000.]
 [ 729999.]
 [1105000.]
 [ 350000.]
 [ 540000.]
 [ 780000.]
 [ 430000.]
 [ 515000.]
 [ 430000.]
 [ 789888.]]
Predicted value: 679488.7


query set: [ 0.01345102  0.01551285  0.01506227  0.01311955  0.00292111  0.
  0.          0.0116321   0.01390535  0.01513426  0.          0.01360541
  0.          0.01349958 -0.01345271  0.0145951   0.00361006]
distances: [0.01499211 0.06758643 0.01822521 … 0.00429134 0.00405611
0.00950934]
```

```
sorted indices: [1973 4810  621 … 1107 5226 2486]
selected indices: [1973 4810  621 4331 3697 1504 2569  568 1948 2622]
selected outputs: [[325000.]
 [310000.]
 [580000.]
 [562500.]
 [322000.]
 [325000.]
 [397000.]
 [340000.]
 [320000.]
 [260000.]]
Predicted value: 374150.0


query set: [ 0.01345102  0.01939106  0.02711209  0.03482644  0.00551155  0.
  0.          0.0116321   0.02085802  0.03143799  0.03249212  0.01368729
  0.          0.0134466  -0.01342696  0.03118337  0.00609127]
distances: [0.05907405 0.07951818 0.05952375 … 0.0481282  0.04565709
0.05403319]
sorted indices: [1015 3192 5222 … 1107 5226 2486]
selected indices: [1015 3192 5222 2961 2311 5086 4545 1445 5367 5462]
selected outputs: [[2500000.]
 [ 932808.]
 [2998000.]
 [1450000.]
 [1205000.]
 [ 909500.]
 [1650000.]
 [2466350.]
 [ 870000.]
 [1174660.]]
Predicted value: 1615631.8


query set: [ 0.01345102  0.01551285  0.01506227  0.01186723  0.00176923  0.
  0.          0.0116321   0.01390535  0.01368963  0.          0.01360541
  0.          0.01339366 -0.01344897  0.01189469  0.00244633]
distances: [0.01284399 0.06755583 0.01764989 … 0.00537154 0.00670139
0.00649416]
sorted indices: [4669 1396 1879 … 1107 5226 2486]
selected indices: [4669 1396 1879 2608 3432 3859 5268 2020 5061 4127]
selected outputs: [[449000.]
 [602000.]
 [272000.]
 [295000.]
 [420000.]
 [585000.]
 [392000.]
 [340000.]
```

```
 [349900.]
 [270000.]]
Predicted value: 397490.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01073418  0.0047263   0.
  0.          0.0116321   0.01216718  0.00990606  0.00921037  0.01338707
  0.          0.01343012 -0.01345249  0.01543094  0.00405625]
distances: [0.0152153  0.06718087 0.01645896 … 0.01257347 0.01356248
0.01305501]
sorted indices: [3232  897  681 … 1107 5226 2486]
selected indices: [3232  897  681 3030 3791  565 4924 1216 1172 3254]
selected outputs: [[606150.]
 [249000.]
 [356500.]
 [429950.]
 [500000.]
 [399000.]
 [403000.]
 [274000.]
 [295000.]
 [542000.]]
Predicted value: 405460.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0144315   0.00231146  0.
  0.          0.0116321   0.01564352  0.01664769  0.          0.01358494
  0.          0.01348722 -0.01344963  0.01703833  0.00316388]
distances: [0.01755729 0.0678189  0.01989631 … 0.00518609 0.00148893 0.0120787
]
sorted indices: [3596 1177 3684 … 1107 5226 2486]
selected indices: [3596 1177 3684 4072  651 4213 5414 1388 5525 3026]
selected outputs: [[664000.]
 [390000.]
 [359800.]
 [640000.]
 [661000.]
 [620000.]
 [375500.]
 [540000.]
 [610685.]
 [372000.]]
Predicted value: 523298.5


query set: [ 0.01345102  0.01163464  0.00602491  0.00650014  0.00265818  0.
  0.          0.0116321   0.01042901  0.00749834  0.          0.01328472
  0.06700929  0.01350614 -0.01346295  0.00681533  0.0030864 ]
distances: [0.06707109 0.01772946 0.06802967 … 0.06900325 0.06980628
0.06797611]
sorted indices: [ 492 1337 4282 … 1107 5226 2486]
```

```
selected indices: [ 492 1337 4282 3969 2982  555 4928 4927 2254 2421]
selected outputs: [[400000.]
 [199990.]
 [260000.]
 [267000.]
 [717000.]
 [238000.]
 [320000.]
 [168000.]
 [310000.]
 [327000.]]
Predicted value: 320699.0


query set: [ 0.01345102  0.01939106  0.01355605  0.01276174  0.0025394   0.
  0.          0.0116321   0.01216718  0.00736076  0.02737525  0.01338707
  0.          0.01346397 -0.01344302  0.01080166  0.00352894]
distances: [0.03010765 0.06958029 0.0325697  … 0.03000174 0.03023695
0.02919557]
sorted indices: [ 123 4236 2644 … 1107 5226 2486]
selected indices: [ 123 4236 2644 1633 2963 4866 1425  785 4170 1950]
selected outputs: [[475000.]
 [300000.]
 [268450.]
 [375000.]
 [440000.]
 [299000.]
 [750000.]
 [200000.]
 [427000.]
 [389000.]]
Predicted value: 392345.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00477074  0.00185077  0.
  0.          0.01550947  0.01042901  0.00550337  0.          0.01320967
  0.          0.01349092 -0.01346603  0.00745829  0.00155922]
distances: [0.00912476 0.06912229 0.01252149 … 0.01679529 0.02083765
0.01021871]
sorted indices: [4498 3183 3743 … 1107 5226 2486]
selected indices: [4498 3183 3743 4235  729 3078 3320 1433 2910 4150]
selected outputs: [[217500.]
 [312000.]
 [379900.]
 [442000.]
 [149900.]
 [404500.]
 [360000.]
 [392000.]
 [325000.]
```

```
 [262500.]]
Predicted value: 324530.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01520675  0.00552471  0.
  0.          0.0116321   0.01564352  0.01754199  0.          0.01361906
  0.          0.01342904 -0.01344291  0.01825995  0.00509465]
distances: [0.01947015 0.06806841 0.02100271 … 0.00772728 0.00492441
0.01489921]
sorted indices: [4472 3165 1760 … 1107 5226 2486]
selected indices: [4472 3165 1760 4403 2543 2106 2179 2682 4796 1000]
selected outputs: [[665000.]
 [728000.]
 [635000.]
 [379000.]
 [755000.]
 [616000.]
 [594950.]
 [715000.]
 [469950.]
 [600000.]]
Predicted value: 615790.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00524782  0.00128415  0.
  0.          0.01550947  0.01042901  0.00605371  0.          0.0130732
  0.          0.01344304 -0.01346669  0.00919427  0.0016225 ]
distances: [0.00645677 0.06931324 0.00955362 … 0.01772675 0.02139274
0.01270985]
sorted indices: [4747 2093  265 … 1107 5226 2486]
selected indices: [4747 2093  265 4868  512 2623  108 1243 4001   32]
selected outputs: [[325000.]
 [342888.]
 [315000.]
 [365000.]
 [409000.]
 [338000.]
 [352000.]
 [350000.]
 [500000.]
 [205425.]]
Predicted value: 350231.3


query set: [ 0.01345102  0.01551285  0.00602491  0.01001856  0.00129089  0.
  0.          0.0116321   0.01216718  0.01155707  0.          0.01310732
  0.          0.01348071 -0.01346449  0.01099455  0.00163102]
distances: [0.00649518 0.06813696 0.01343018 … 0.01194097 0.0134478
0.01025669]
sorted indices: [4493 2744 2835 … 1107 5226 2486]
selected indices: [4493 2744 2835  411 4764 3871 3213 1742 3499 4480]
```

```
selected outputs: [[540000.]
 [433000.]
 [310000.]
 [475000.]
 [415000.]
 [229000.]
 [375000.]
 [235000.]
 [185000.]
 [401000.]]
Predicted value: 359800.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00894515  0.00265561  0.
  0.          0.01550947  0.01216718  0.01031882  0.          0.01335978
  0.          0.0135112  -0.01346977  0.01048018  0.00335452]
distances: [0.00615769 0.06801332 0.01165333 … 0.01106184 0.0141047
0.00823048]
sorted indices: [1550 1437 2699 … 1107 5226 2486]
selected indices: [1550 1437 2699 1794 1884  774 1926 4724  259 2187]
selected outputs: [[590300.]
 [419000.]
 [266200.]
 [470000.]
 [242000.]
 [219950.]
 [345000.]
 [550000.]
 [234000.]
 [314950.]]
Predicted value: 365140.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01156906  0.00523289  0.
  0.          0.0116321   0.01216718  0.0078423   0.02046748  0.01349624
  0.          0.01351117 -0.01345909  0.01247335  0.00456328]
distances: [0.02252988 0.06788138 0.02365263 … 0.02273333 0.02421894
0.02214748]
sorted indices: [2926 1931 1511 … 1107 5226 2486]
selected indices: [2926 1931 1511 1379 2631  154 1874 2205 3372 4972]
selected outputs: [[268000.]
 [288250.]
 [490000.]
 [258000.]
 [535000.]
 [638700.]
 [343000.]
 [520000.]
 [350000.]
 [580000.]]
```

Predicted value: 427095.0

query set: [0.01345102 0.01551285 0.01506227 0.01150942 0.00267616 0.
  0.   0.0116321   0.01390535 0.01327688 0.   0.01361223
  0.   0.01340585 -0.01344622 0.0146594   0.00322837]
distances: [0.01358612 0.0676781 0.01655086 … 0.00512411 0.00595323
0.00798545]
sorted indices: [3178 1766 2498 … 1107 5226 2486]
selected indices: [3178 1766 2498 3141 2735 4139 3432 4810 1468 3857]
selected outputs: [[348450.]
 [316000.]
 [374950.]
 [325000.]
 [345000.]
 [545000.]
 [420000.]
 [310000.]
 [550000.]
 [250000.]]
Predicted value: 378440.0

query set: [0.01345102 0.01551285 0.01807473 0.01264247 0.00417347 0.
  0.   0.01550947 0.01390535 0.01458393 0.   0.01349624
  0.   0.01342647 -0.01344347 0.01401644 0.00464035]
distances: [0.01708243 0.06785769 0.01996243 … 0.00724457 0.00742133
0.01078253]
sorted indices: [3924 1975 1653 … 1107 5226 2486]
selected indices: [3924 1975 1653 2393 4414 1361 3911 1506 4440 1686]
selected outputs: [[335000.]
 [615000.]
 [355000.]
 [571500.]
 [520000.]
 [520000.]
 [660000.]
 [320000.]
 [465000.]
 [601000.]]
Predicted value: 496250.0

query set: [0.01345102 0.01163464 0.01355605 0.01073418 0.00337088 0.
  0.   0.0116321   0.01216718 0.01238258 0.   0.01361223
  0.   0.01340198 -0.01343147 0.01202328 0.00347012]
distances: [0.010202   0.06751525 0.01388655 … 0.005837   0.00964194
0.00577446]
sorted indices: [4877 3829 1423 … 1107 5226 2486]
selected indices: [4877 3829 1423 755 2541 3568 3345 2502 4920 972]
selected outputs: [[250000.]

```
   [283748.]
   [265000.]
   [299950.]
   [280000.]
   [315000.]
   [279000.]
   [315000.]
   [252500.]
   [203000.]]
Predicted value: 274319.8


query set: [ 0.01345102  0.00775643  0.00602491  0.00542672  0.00192622  0.
  0.          0.0116321   0.01042901  0.00626008  0.          0.01325743
  0.          0.01344084 -0.01345722  0.00938716  0.00235263]
distances: [0.00497217 0.06912951 0.00835188 … 0.01701236 0.02075013
0.01210543]
sorted indices: [4462 4568 3061 … 1107 5226 2486]
selected indices: [4462 4568 3061  860 4813 2234 4395 4347 4452 4801]
selected outputs: [[445000.]
 [115000.]
 [325000.]
 [100000.]
 [405000.]
 [235000.]
 [285000.]
 [305000.]
 [361600.]
 [200000.]]
Predicted value: 277660.0


query set: [ 0.01345102  0.01551285  0.00602491  0.01061491  0.00138367  0.
  0.          0.01938684  0.01042901  0.012245    0.          0.01309367
  0.          0.01344742 -0.01345854  0.00938716  0.00174824]
distances: [0.01044858 0.06853706 0.01661762 … 0.01472333 0.01618777
0.01330525]
sorted indices: [1385 1974 2743 … 1107 5226 2486]
selected indices: [1385 1974 2743 4700 4917 3093 4670 4196 4033 2226]
selected outputs: [[366350.]
 [875000.]
 [265000.]
 [265000.]
 [512500.]
 [231000.]
 [625000.]
 [651000.]
 [282500.]
 [426250.]]
Predicted value: 449960.0
```

```
query set: [ 0.01345102  0.01939106  0.02409964  0.0241519   0.00364633  0.
  0.          0.01550947  0.01738169  0.01912421  0.03249212  0.01350989
  0.          0.01345065 -0.01345271  0.02006023  0.00549825]
distances: [0.04520555 0.07293778 0.04654926 … 0.03732475 0.03583516 0.0407882
]
sorted indices: [4611  638  504 … 1107 5226 2486]
selected indices: [4611  638  504 4742 4818 3001   46 2787 1855 5244]
selected outputs: [[ 915557.]
 [ 640000.]
 [1715000.]
 [ 839000.]
 [1945000.]
 [ 720000.]
 [ 650000.]
 [ 825000.]
 [ 775000.]
 [ 799950.]]
Predicted value: 982450.7

query set: [ 0.01345102  0.01163464  0.02108718  0.01932152  0.00755142  0.
  0.          0.0116321   0.01738169  0.01465272  0.02839863  0.01359176
  0.          0.01338809 -0.01343158  0.020446    0.00944011]
distances: [0.03844751 0.07080011 0.03830226 … 0.03174063 0.03138515
0.03490084]
sorted indices: [3123 4377  937 … 1107 5226 2486]
selected indices: [3123 4377  937 1045 4776 1664 3950 5488 1855 4262]
selected outputs: [[ 595000.]
 [ 696000.]
 [ 375000.]
 [ 523000.]
 [ 946000.]
 [ 775000.]
 [ 745000.]
 [1050000.]
 [ 775000.]
 [ 770000.]]
Predicted value: 725000.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01520675  0.00231146  0.
  0.03401577  0.0116321   0.01216718  0.01754199  0.          0.01366682
  0.          0.01342783 -0.01344776  0.01645967  0.00231815]
distances: [0.03835676 0.07577158 0.03959233 … 0.03442958 0.0341974
0.03622069]
sorted indices: [3196 3120 1917 … 1107 5226 2486]
selected indices: [3196 3120 1917 4844 2398 5510 3925 2730 1508 2643]
selected outputs: [[735000.]
 [589000.]
```

```
[527900.]
[485000.]
[465000.]
[388000.]
[422000.]
[420000.]
[725995.]
[979700.]]
Predicted value: 573759.5


query set: [ 0.01345102  0.01551285  0.01506227  0.01675724  0.00371118  0.
  0.          0.01938684  0.01216718  0.01196983  0.02737525  0.01338707
  0.          0.01345761 -0.01344115  0.01266623  0.00468903]
distances: [0.03226978 0.06937665 0.03424149 … 0.0294006  0.0295676
0.03039562]
sorted indices: [3643 1049 2030 … 1107 5226 2486]
selected indices: [3643 1049 2030  477 4770  496  211 2198 2174 1575]
selected outputs: [[ 405000.]
 [1045000.]
 [ 590000.]
 [ 824500.]
 [ 360000.]
 [ 485000.]
 [ 760000.]
 [ 975000.]
 [ 437850.]
 [ 313100.]]
Predicted value: 619545.0


query set: [ 0.01345102  0.00387821  0.00602491  0.00494965  0.00102732  0.
  0.          0.0116321   0.01216718  0.00570974  0.          0.01312779
  0.          0.01347771 -0.01346625  0.00867991  0.00101893]
distances: [0.00852086 0.06963059 0.01028533 … 0.01882235 0.02292755
0.01370234]
sorted indices: [3188  966 3241 … 1107 5226 2486]
selected indices: [3188  966 3241 2430 4585 2218 2448 2509 3182 2471]
selected outputs: [[299000.]
 [395000.]
 [395000.]
 [411000.]
 [351000.]
 [382888.]
 [264000.]
 [124000.]
 [ 90000.]
 [280000.]]
Predicted value: 299188.8
```

```
query set: [ 0.01345102  0.01551285  0.01355605  0.0119865   0.00246813  0.
  0.          0.0116321   0.01390535  0.00804868  0.02149085  0.01350306
  0.          0.01337955 -0.01347153  0.01279482  0.00311845]
distances: [0.02407795 0.06804701 0.02599599 … 0.02330696 0.02398038
0.02264966]
sorted indices: [  38  648 4608 … 1107 5226 2486]
selected indices: [  38  648 4608 1482 3394  596 2587 2431 1959 2952]
selected outputs: [[260000.]
 [627000.]
 [220000.]
 [440000.]
 [360000.]
 [264900.]
 [462000.]
 [250600.]
 [340000.]
 [490000.]]
Predicted value: 371450.0

query set: [ 0.01345102  0.01551285  0.0165685   0.02355555  0.00327907  0.
  0.05102365  0.0116321   0.01738169  0.01410238  0.04861026  0.01333931
  0.          0.01348937 -0.01347021  0.02012452  0.00349162]
distances: [0.07459558 0.09330603 0.07503481 … 0.07164308 0.07122706
0.07307249]
sorted indices: [1870  263 2795 … 1107 5226 2486]
selected indices: [1870  263 2795 3669 3979  273  227 3171 2013 1987]
selected outputs: [[1310000.]
 [1200000.]
 [ 465000.]
 [1115000.]
 [1120000.]
 [ 645000.]
 [1216000.]
 [ 625000.]
 [2900000.]
 [1212500.]]
Predicted value: 1180850.0

query set: [ 0.01345102  0.01939106  0.01054359  0.01186723  0.00892802  0.
  0.          0.0116321   0.01216718  0.01368963  0.          0.01333931
  0.          0.01338631 -0.01346647  0.01440221  0.0081125 ]
distances: [0.01590414 0.06849865 0.01865134 … 0.01322435 0.01246182
0.01586633]
sorted indices: [4703  807 4638 … 1107 5226 2486]
selected indices: [4703  807 4638 3725  399 4710 1219 1658 1342 3878]
selected outputs: [[618000.]
 [178000.]
 [365000.]
```

```
 [475000.]
 [365000.]
 [524000.]
 [225000.]
 [815000.]
 [322200.]
 [400000.]]
Predicted value: 428720.0

query set: [ 0.01345102  0.01551285  0.01054359  0.01264247  0.00128415  0.
  0.          0.01550947  0.01390535  0.01320808  0.00511687  0.0131619
  0.          0.01347896 -0.01345821  0.01478799  0.0016225 ]
distances: [0.0132625   0.06723484 0.01658308 … 0.00918172 0.00952978
0.01108738]
sorted indices: [4815 3057 2976 … 1107 5226 2486]
selected indices: [4815 3057 2976 1558 1782 4003 2434 1971 3403 3307]
selected outputs: [[675000.]
 [785000.]
 [625000.]
 [524400.]
 [870000.]
 [750000.]
 [350000.]
 [245000.]
 [860000.]
 [870000.]]
Predicted value: 655440.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01562419  0.00292528  0.
  0.          0.0116321   0.01564352  0.01802353  0.          0.01361223
  0.          0.01348945 -0.01344071  0.01684545  0.0036778 ]
distances: [0.01834654 0.0677395  0.02020948 … 0.00462531 0.00433708
0.01290684]
sorted indices: [4363 2475 3716 … 1107 5226 2486]
selected indices: [4363 2475 3716 4495 1486 3994 3439 4311 2579 3892]
selected outputs: [[399950.]
 [657500.]
 [609000.]
 [746000.]
 [572500.]
 [546200.]
 [530000.]
 [645000.]
 [678000.]
 [425000.]]
Predicted value: 580915.0

query set: [ 0.01345102  0.01551285  0.00903736  0.01162869  0.0040319   0.
```

```
    0.            0.0116321   0.01042901  0.01341446  0.           0.01323014
    0.            0.01341569 -0.01345898  0.01253764  0.00372283]
distances: [0.00993187 0.0677394  0.01449298 … 0.00913113 0.01049545
0.01042635]
sorted indices: [2845 2439 1742 … 1107 5226 2486]
selected indices: [2845 2439 1742 3083 4046 4188 3213 3917 1078  378]
selected outputs: [[220000.]
 [525000.]
 [235000.]
 [423000.]
 [392500.]
 [425000.]
 [375000.]
 [195000.]
 [371000.]
 [701000.]]
Predicted value: 386250.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00679831  0.00333878  0.
  0.            0.01550947  0.01216718  0.0078423   0.           0.01353036
  0.            0.01336575 -0.01346218  0.00822984  0.00397513]
distances: [0.00639801 0.06843917 0.01229759 … 0.01378467 0.0169812
0.00859512]
sorted indices: [4100  505 4625 … 1107 5226 2486]
selected indices: [4100  505 4625   39 1435 3851 2910 4607 2655 4207]
selected outputs: [[239950.]
 [347000.]
 [295000.]
 [212000.]
 [212000.]
 [415000.]
 [325000.]
 [210000.]
 [315000.]
 [345000.]]
Predicted value: 291595.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00721575  0.00096311  0.
  0.            0.01938684  0.01216718  0.00626008  0.0076753   0.01300497
  0.            0.01348428 -0.01346812  0.00810125  0.00121688]
distances: [0.01265879 0.06832409 0.01573905 … 0.01815259 0.02154134
0.01354963]
sorted indices: [ 872  853 3915 … 1107 5226 2486]
selected indices: [ 872  853 3915  319 1143 1772 4632 4540 2048 1614]
selected outputs: [[417000.]
 [390000.]
 [340000.]
 [585000.]
```

```
 [412000.]
 [515000.]
 [462000.]
 [550000.]
 [480000.]
 [582500.]]
Predicted value: 473350.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00661941  0.00192622  0.
  0.          0.01938684  0.01216718  0.00763592  0.          0.01318237
  0.          0.01347599 -0.0134723   0.00912998  0.00243375]
distances: [0.00780165 0.06911973 0.0126488  … 0.01692641 0.01959737
0.01288373]
sorted indices: [ 604 3557 3296 … 1107 5226 2486]
selected indices: [ 604 3557 3296 2582 3906 1699 1867 3074  139 2321]
selected outputs: [[234000.]
 [235000.]
 [350000.]
 [373000.]
 [387000.]
 [215000.]
 [485000.]
 [385000.]
 [288000.]
 [220000.]]
Predicted value: 317200.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00769283  0.00298949  0.
  0.          0.0116321   0.01216718  0.00887418  0.          0.01328472
  0.          0.01342833 -0.01346372  0.01060877  0.00296106]
distances: [0.00656569 0.06801314 0.01114728 … 0.01046966 0.01394564
0.00548307]
sorted indices: [1408 4743 2149 … 1107 5226 2486]
selected indices: [1408 4743 2149 3037 3149 4848 4304 3386 2290 4629]
selected outputs: [[258000.]
 [269000.]
 [200000.]
 [249900.]
 [290000.]
 [200000.]
 [240000.]
 [366000.]
 [555000.]
 [243000.]]
Predicted value: 287090.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0119865   0.00157468  0.
  0.          0.01938684  0.01216718  0.00846143  0.01995579  0.01304591
```

```
   0.          0.01346493 -0.01346196  0.01420933  0.00074392]
distances: [0.02317833 0.06824513 0.02411174 … 0.02320507 0.02452322
0.02270025]
sorted indices: [1478 2662 1886 … 1107 5226 2486]
selected indices: [1478 2662 1886 3865 4405 3693  176 2728 4871 5078]
selected outputs: [[652000.]
 [655000.]
 [365000.]
 [667500.]
 [739000.]
 [615000.]
 [597500.]
 [705000.]
 [522500.]
 [359000.]]
Predicted value: 587750.0


query set: [ 0.01345102  0.01551285  0.01355605  0.0144315   0.00248001  0.
  0.          0.01550947  0.01390535  0.01300171  0.0135597   0.0134553
  0.          0.01347008 -0.01343818  0.01118743  0.00322229]
distances: [0.01897775 0.06687434 0.02289882 … 0.01538832 0.01579454
0.01623864]
sorted indices: [1262  272 1899 … 1107 5226 2486]
selected indices: [1262  272 1899  878  491 1131 4201 3525  759 3490]
selected outputs: [[650000.]
 [585000.]
 [487000.]
 [425000.]
 [755000.]
 [275000.]
 [592100.]
 [318000.]
 [896000.]
 [542000.]]
Predicted value: 552510.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01323882  0.00271276  0.
  0.          0.01550947  0.01216718  0.00866781  0.02456097  0.01353036
  0.          0.01342814 -0.01344523  0.0101587   0.00342753]
distances: [0.02806718 0.06864488 0.03054304 … 0.02662259 0.02736986
0.02593403]
sorted indices: [4909 3399  392 … 1107 5226 2486]
selected indices: [4909 3399  392 2150 1222 2161  846  767 3112 2534]
selected outputs: [[279000.]
 [575000.]
 [405000.]
 [549950.]
 [475000.]
```

```
 [380000.]
 [400000.]
 [505000.]
 [335000.]
 [749500.]]
Predicted value: 465345.0


query set: [ 0.01345102  0.01551285  0.01355605  0.00894515  0.00173135  0.
  0.          0.0116321   0.01216718  0.01031882  0.          0.01363953
  0.          0.01338781 -0.01345689  0.01093025  0.00240008]
distances: [0.00925822 0.06786779 0.01449968 … 0.00910595 0.01133316
0.00516566]
sorted indices: [  62  934 1487 … 1107 5226 2486]
selected indices: [  62  934 1487 2561 3631  653 1513  398 1326 4318]
selected outputs: [[320000.]
 [640000.]
 [254000.]
 [249900.]
 [575000.]
 [299900.]
 [315000.]
 [250000.]
 [350000.]
 [325000.]]
Predicted value: 357880.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01335809  0.00163889  0.
  0.          0.01550947  0.01390535  0.01540943  0.          0.01366
  0.          0.01340319 -0.01344611  0.01234476  0.00214495]
distances: [0.01489843 0.06761094 0.01945475 … 0.00593863 0.00629438 0.0090627
]
sorted indices: [2393 1686 1236 … 1107 5226 2486]
selected indices: [2393 1686 1236 1653 1506 1361  904  352 4078 1975]
selected outputs: [[571500.]
 [601000.]
 [593450.]
 [355000.]
 [320000.]
 [520000.]
 [322500.]
 [842500.]
 [500000.]
 [615000.]]
Predicted value: 524095.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01395443  0.00191241  0.
  0.          0.0116321   0.01390535  0.01609735  0.          0.01361223
  0.          0.01350006 -0.01345392  0.01504517  0.00267875]
```

distances: [0.01542089 0.06748715 0.01792451 … 0.00087174 0.0047078
0.00939069]
sorted indices: [4970 5127 5524 … 1107 5226 2486]
selected indices: [4970 5127 5524 5047 3268 1674 3630 1356 5471 3809]
selected outputs: [[523000.]
 [415000.]
 [507250.]
 [400000.]
 [340000.]
 [366000.]
 [685000.]
 [335000.]
 [330000.]
 [589000.]]
Predicted value: 449025.0

query set: [0.01345102 0.01163464 0.00602491 0.01019747 0.00160518 0.
  0.   0.01938684 0.01216718 0.0078423   0.01458308 0.01310732
  0.   0.01345401 -0.01347032 0.01073737 0.0016225]
distances: [0.01696806 0.06810565 0.01948442 … 0.02109024 0.02293707
0.01922455]
sorted indices: [199 2932 3465 … 1107 5226 2486]
selected indices: [199 2932 3465 3114 4492 3318 205 342 2908 2610]
selected outputs: [[320000.]
 [458000.]
 [440000.]
 [570000.]
 [253000.]
 [556000.]
 [588000.]
 [532500.]
 [355000.]
 [415000.]]
Predicted value: 448750.0

query set: [0.01345102 0.01163464 0.00903736 0.00954149 0.00240777 0.
  0.   0.0116321   0.01216718 0.01100674 0.   0.01341436
  0.   0.01349618 -0.01344798 0.01093025 0.00304219]
distances: [0.00547527 0.06780378 0.0113134 … 0.00953621 0.0127307
0.00714802]
sorted indices: [2400 1032 766 … 1107 5226 2486]
selected indices: [2400 1032 766 587 4134 2201 1678 1834 1778 1796]
selected outputs: [[325000.]
 [441000.]
 [273500.]
 [390000.]
 [365000.]
 [195000.]

```
 [267500.]
 [415000.]
 [465000.]
 [419900.]]
Predicted value: 355690.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00846807  0.00144466  0.
  0.          0.0116321   0.01216718  0.00976848  0.          0.0133666
  0.          0.01348855 -0.01346449  0.00990152  0.00258586]
distances: [0.00396598 0.06800084 0.0111056  … 0.01102311 0.01427664
0.00674609]
sorted indices: [1796 4009 1032 … 1107 5226 2486]
selected indices: [1796 4009 1032 4961   51 1565 3021 4253 3133  620]
selected outputs: [[419900.]
 [162500.]
 [441000.]
 [465000.]
 [313000.]
 [626700.]
 [370000.]
 [468000.]
 [815000.]
 [165000.]]
Predicted value: 424610.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01127089  0.02992636  0.
  0.          0.01550947  0.01216718  0.01300171  0.          0.01340072
  0.          0.0133649  -0.01343565  0.01086596  0.06979267]
distances: [0.07368169 0.09890553 0.07307802 … 0.0735441  0.07378101
0.07556669]
sorted indices: [1212 4365  510 … 1107 5226 2486]
selected indices: [1212 4365  510 1787  439 4771 4451 3468 4378 1058]
selected outputs: [[371000.]
 [300000.]
 [250000.]
 [310000.]
 [510000.]
 [375000.]
 [600000.]
 [369000.]
 [650000.]
 [550000.]]
Predicted value: 428500.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00983966  0.00318982  0.
  0.          0.0116321   0.01216718  0.00749834  0.01432724  0.01342119
  0.          0.01338518 -0.01346405  0.01003011  0.00401163]
distances: [0.01514744 0.06743977 0.01791746 … 0.01870563 0.0208477
```

0.01655119]
sorted indices: [3642 4328 4384 … 1107 5226 2486]
selected indices: [3642 4328 4384 2572 2141   88 239 1341 3095 174]
selected outputs: [[412500.]
 [357000.]
 [255000.]
 [255000.]
 [212000.]
 [405000.]
 [512000.]
 [368000.]
 [305000.]
 [240000.]]
Predicted value: 332150.0

query set: [0.01345102 0.01163464 0.01807473 0.01103235 0.00160518 0.
  0.   0.00775473 0.01042901 0.01272654 0.   0.01296403
  0.   0.01348207 -0.01347043 0.0087442   0.00101406]
distances: [0.0142231 0.06781825 0.0188714 … 0.0093431 0.01272524
0.00693784]
sorted indices: [5349 1756 1179 … 1107 5226 2486]
selected indices: [5349 1756 1179 2731 3996 3718 2271 3535 3417 5357]
selected outputs: [[246950.]
 [612000.]
 [375000.]
 [260000.]
 [447000.]
 [415000.]
 [315000.]
 [243500.]
 [372000.]
 [268000.]]
Predicted value: 355445.0

query set: [0.01345102 0.01163464 0.01204982 0.01353699 0.04782639 0.
  0.   0.01550947 0.01042901 0.0087366   0.02558435 0.01296403
  0.06614078 0.01343628 -0.01344941 0.01420933 0.00705301]
distances: [0.08542485 0.04893827 0.08487101 … 0.08518335 0.08546136
0.08603458]
sorted indices: [3539 2842 2372 … 1107 5226 2486]
selected indices: [3539 2842 2372 4239 4105 3087 4738 3498   37 2625]
selected outputs: [[810000.]
 [446000.]
 [273000.]
 [420000.]
 [257000.]
 [250000.]
 [625000.]

```
[ 531500.]
[1450000.]
[ 312500.]]
Predicted value: 537500.0


query set: [ 0.01345102  0.01939106  0.02409964  0.02007291  0.00250408  0.
  0.03401577  0.0116321   0.01390535  0.02040374  0.01023374  0.01321649
  0.          0.01347514 -0.01347098  0.01504517  0.00243375]
distances: [0.04488235 0.07632323 0.04702121 … 0.03834358 0.03739448 0.0406985
]
sorted indices: [5170 5298 2994 … 1107 5226 2486]
selected indices: [5170 5298 2994 3480  333 3877 5323 3822 5217 5051]
selected outputs: [[1302000.]
 [ 635000.]
 [1420000.]
 [ 830000.]
 [ 680000.]
 [1120275.]
 [ 735000.]
 [ 855000.]
 [ 844000.]
 [1375000.]]
Predicted value: 979627.5


query set: [ 0.01345102  0.00387821  0.01204982  0.00685795  0.00315001  0.
  0.          0.01550947  0.01216718  0.00791109  0.          0.01338707
  0.          0.01337573 -0.0134592   0.00771547  0.00397999]
distances: [0.01081767 0.0688323  0.01332053 … 0.01559819 0.02007806
0.01109002]
sorted indices: [4498 3183 3743 … 1107 5226 2486]
selected indices: [4498 3183 3743 3078  729  200 3511 2571 3075 2195]
selected outputs: [[217500.]
 [312000.]
 [379900.]
 [404500.]
 [149900.]
 [210000.]
 [168000.]
 [200000.]
 [401000.]
 [355000.]]
Predicted value: 279780.0


query set: [ 0.01345102  0.01551285  0.01204982  0.00983966  0.00208032  0.
  0.          0.01938684  0.01216718  0.0113507   0.          0.01328472
  0.          0.01349355 -0.01345942  0.01060877  0.00257572]
distances: [0.01157221 0.06818222 0.01651979 … 0.01163314 0.01325041
0.00980026]
```

```
sorted indices: [1213  863 2301 … 1107 5226 2486]
selected indices: [1213  863 2301 4917  223 2899 4187 2334 1228 4954]
selected outputs: [[720000.]
 [425000.]
 [415000.]
 [512500.]
 [710000.]
 [535000.]
 [360000.]
 [300000.]
 [261000.]
 [199900.]]
Predicted value: 443840.0


query set: [ 0.01345102  0.01163464  0.00602491  0.01109198  0.00296156  0.
  0.          0.0116321   0.01216718  0.01279533  0.          0.01335295
  0.          0.01340268 -0.01346097  0.01118743  0.00495025]
distances: [0.00730252 0.06790592 0.01261594 … 0.01089217 0.01332481
0.01101135]
sorted indices: [1933 4361  957 … 1107 5226 2486]
selected indices: [1933 4361  957 3136 4609 1834 2888  490  185 3252]
selected outputs: [[260000.]
 [360000.]
 [284700.]
 [583000.]
 [375000.]
 [415000.]
 [273000.]
 [300000.]
 [396000.]
 [599950.]]
Predicted value: 384665.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01359662  0.00145558  0.
  0.          0.0116321   0.01390535  0.0156846   0.          0.01366682
  0.          0.01345919 -0.01342993  0.01444079  0.0018391 ]
distances: [0.0153102   0.06758119 0.01890913 … 0.00392585 0.00339098
0.00924985]
sorted indices: [5002 4173  310 … 1107 5226 2486]
selected indices: [5002 4173  310 5188 2831 4466 4083 1512 4551 3242]
selected outputs: [[419950.]
 [399950.]
 [305000.]
 [540000.]
 [299900.]
 [490000.]
 [340000.]
 [325900.]
```

```
 [335000.]
 [570000.]]
Predicted value: 402570.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01162869  0.00285466  0.
  0.          0.0116321   0.01390535  0.01341446  0.          0.01353036
  0.          0.01349627 -0.01344005  0.01221616  0.00354922]
distances: [0.01116025 0.06744932 0.01507884 … 0.00437011 0.00807905
0.00611686]
sorted indices: [4510 3714 3328 … 1107 5226 2486]
selected indices: [4510 3714 3328 1998 2638 4855 3066 1296 1305   56]
selected outputs: [[605000.]
 [564800.]
 [530000.]
 [299995.]
 [324000.]
 [550000.]
 [448500.]
 [492000.]
 [432000.]
 [560000.]]
Predicted value: 480629.5


query set: [ 0.01345102  0.01163464  0.00602491  0.00906442  0.00328324  0.
  0.          0.01550947  0.01042901  0.0104564   0.          0.01331201
  0.          0.01345834 -0.01344952  0.01742411  0.00442618]
distances: [0.01058029 0.06861298 0.0088352  … 0.01304727 0.01514125
0.01376933]
sorted indices: [2405 1112 1133 … 1107 5226 2486]
selected indices: [2405 1112 1133 4759 4104 4415  632 3127 4198 1890]
selected outputs: [[ 950000.]
 [ 390000.]
 [ 810000.]
 [ 707900.]
 [ 375000.]
 [ 335000.]
 [ 549000.]
 [ 330000.]
 [1000000.]
 [ 184000.]]
Predicted value: 563090.0


query set: [ 0.01345102  0.01551285  0.0165685   0.0123443   0.00325049  0.
  0.          0.0116321   0.01216718  0.0095621   0.01739736  0.01338707
  0.          0.01345339 -0.01345205  0.01189469  0.00410695]
distances: [0.02180013 0.06737506 0.02423517 … 0.01933358 0.02019496
0.01895217]
sorted indices: [3744 3923 4399 … 1107 5226 2486]
```

```
selected indices: [3744 3923 4399 3651 2071 3685  497  179 1632 1825]
selected outputs: [[270000.]
 [383000.]
 [518000.]
 [550000.]
 [255000.]
 [234500.]
 [470000.]
 [496500.]
 [445000.]
 [300000.]]
Predicted value: 392200.0

query set: [ 0.01345102  0.01163464  0.01355605  0.00888551  0.00243634  0.
  0.         0.0116321   0.01216718  0.01025002  0.         0.01359859
  0.         0.01339052 -0.01343202  0.00970864  0.00267834]
distances: [0.00815383 0.06777211 0.01339411 … 0.00895337 0.01264236
0.00374565]
sorted indices: [2276 4015 4292 … 1107 5226 2486]
selected indices: [2276 4015 4292 4037 4367 2171 3604  896 1164 5287]
selected outputs: [[230000.]
 [468000.]
 [264500.]
 [299950.]
 [305000.]
 [324000.]
 [275000.]
 [432250.]
 [285000.]
 [275000.]]
Predicted value: 315870.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00572489  0.00288933  0.
  0.         0.01550947  0.01216718  0.00660404  0.         0.01333931
  0.         0.01345532 -0.0134449   0.00977293  0.00365063]
distances: [0.00483618 0.06901532 0.00979229 … 0.01638067 0.01922025
0.01193377]
sorted indices: [4624 1372 1566 … 1107 5226 2486]
selected indices: [4624 1372 1566 1935 1544 2266 1606  330 4817 4108]
selected outputs: [[330000.]
 [250000.]
 [650000.]
 [206000.]
 [229900.]
 [290000.]
 [397500.]
 [130000.]
 [344950.]
```

```
  [416000.]]
Predicted value: 324435.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00584416   0.00240135   0.
   0.          0.0116321    0.01042901   0.00570974   0.00383765   0.01329154
   0.          0.01343951  -0.0134679    0.0073297    0.00303408]
distances: [0.00524601 0.06863958 0.01163747 … 0.01787788 0.02091965
0.01260622]
sorted indices: [2889 2411  912 … 1107 5226 2486]
selected indices: [2889 2411  912 1157  594 3269 1185 4704 1848 4643]
selected outputs: [[335000.]
 [197200.]
 [435000.]
 [345000.]
 [307000.]
 [235000.]
 [333000.]
 [265000.]
 [280000.]
 [818900.]]
Predicted value: 355110.0


query set: [ 0.01345102   0.01163464   0.01355605   0.01723432   0.00689586   0.
   0.06803154   0.0116321     0.01390535   0.01231379   0.02814278   0.01324378
   0.06644142   0.01343444  -0.01346988   0.01356637   0.0032884 ]
distances: [0.10033666 0.07064528 0.10078022 … 0.09944838 0.09958776
0.09984978]
sorted indices: [1146 4407  544 … 1107 5226 2486]
selected indices: [1146 4407  544  372 4398 3000  723 3294 4594   66]
selected outputs: [[1260000.]
 [2225000.]
 [ 688000.]
 [1355000.]
 [1205000.]
 [1400000.]
 [1400000.]
 [ 787500.]
 [ 550000.]
 [1505000.]]
Predicted value: 1237550.0


query set: [ 0.01345102   0.01551285   0.01204982   0.01079381   0.01379846   0.
   0.          0.01550947   0.01216718   0.01245137   0.          0.01346212
   0.          0.01345056  -0.01341144   0.01273053   0.04611593]
distances: [0.04669484 0.08107237 0.04663423 … 0.04610221 0.04624071
0.04804387]
sorted indices: [2330 4378  229 … 1107 5226 2486]
selected indices: [2330 4378  229 3055 3885 4451  509 3468   26   95]
```

```
selected outputs: [[429000.]
 [650000.]
 [325000.]
 [535000.]
 [365000.]
 [600000.]
 [490000.]
 [369000.]
 [314000.]
 [245000.]]
Predicted value: 432200.0


query set: [ 0.01345102  0.01939106  0.03614946  0.04436793  0.00691512  0.
  0.          0.0116321   0.02085802  0.03817962  0.04835442  0.01366682
  0.          0.01345325 -0.01344875  0.03047611  0.00784033]
distances: [0.07882558 0.09129623 0.07972888 … 0.06826435 0.06616685
0.07361632]
sorted indices: [1445 5222 1040 … 1107 5226 2486]
selected indices: [1445 5222 1040 4545 1015 4654 5520 2961 3192 1232]
selected outputs: [[2466350.]
 [2998000.]
 [4000000.]
 [1650000.]
 [2500000.]
 [1855000.]
 [1222500.]
 [1450000.]
 [ 932808.]
 [2048000.]]
Predicted value: 2112265.8


query set: [ 0.01345102  0.01163464  0.00903736  0.00542672  0.00164371  0.
  0.          0.0116321   0.01042901  0.00626008  0.          0.01346212
  0.          0.01344041 -0.01346713  0.00906568  0.00208167]
distances: [0.00429295 0.06877067 0.01003133 … 0.01524423 0.01856361
0.00920345]
sorted indices: [1027 2718 3948 … 1107 5226 2486]
selected indices: [1027 2718 3948  990  762  421 4351  230  692  377]
selected outputs: [[220000.]
 [350000.]
 [237000.]
 [716000.]
 [219950.]
 [208000.]
 [224400.]
 [226000.]
 [385000.]
 [260000.]]
```

```
Predicted value: 304635.0


query set: [ 0.01345102  0.00775643  0.00903736  0.00524782  0.00048091  0.
  0.          0.0116321   0.01216718  0.00605371  0.          0.01363953
  0.          0.01349202 -0.01346559  0.00565801  0.00205246]
distances: [0.00649999 0.06910556 0.0127355  … 0.01720864 0.02109359
0.01043742]
sorted indices: [5153 2449 4501 … 1107 5226 2486]
selected indices: [5153 2449 4501 5014 1819 2600 3597 4146 5266 2544]
selected outputs: [[205000.]
 [615000.]
 [345000.]
 [312500.]
 [304000.]
 [305000.]
 [290000.]
 [175000.]
 [289000.]
 [497000.]]
Predicted value: 333750.0


query set: [ 0.01345102  0.01163464  0.01355605  0.015982    0.00294133  0.
  0.          0.0116321   0.01390535  0.01080036  0.02839863  0.01349624
  0.          0.013453   -0.01343796  0.01594531  0.00335087]
distances: [0.03177385 0.06928258 0.0324485  … 0.02902031 0.0295364
0.03012245]
sorted indices: [3069 2075 2299 … 1107 5226 2486]
selected indices: [3069 2075 2299 1431 2803  695 2797 2035 1405 3628]
selected outputs: [[1100000.]
 [ 345000.]
 [ 479950.]
 [ 420000.]
 [ 757000.]
 [1150000.]
 [ 282000.]
 [ 740000.]
 [ 280500.]
 [ 469950.]]
Predicted value: 602440.0


query set: [ 0.01345102  0.01551285  0.02259341  0.02464686  0.11607004  0.
  0.          0.0116321   0.01911985  0.02843178  0.          0.01364635
  0.          0.01350379 -0.01342486  0.01266623  0.11820565]
distances: [0.1660352  0.17644632 0.1652833  … 0.1639561  0.16347805
0.16698774]
sorted indices: [2322 4531 4694 … 3922 5226 2486]
selected indices: [2322 4531 4694  282 1488 2956 1259 4036 3163 4934]
selected outputs: [[765000.]
```

```
 [345000.]
 [390000.]
 [590000.]
 [900000.]
 [350000.]
 [559000.]
 [442500.]
 [649000.]
 [365000.]]
Predicted value: 535550.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01556456  0.0023288   0.
  0.          0.00775473  0.01390535  0.01107553  0.02558435  0.01347577
  0.          0.01345116 -0.01344732  0.01446651  0.00300447]
distances: [0.02976282 0.06871863 0.03142244 … 0.02664919 0.02675157
0.02752253]
sorted indices: [1066 3916 1405 … 1107 5226 2486]
selected indices: [1066 3916 1405 2035 4802 3628 2686 2874  540 5049]
selected outputs: [[261500.]
 [305000.]
 [280500.]
 [740000.]
 [520000.]
 [469950.]
 [467000.]
 [522500.]
 [417000.]
 [495000.]]
Predicted value: 447845.0


query set: [ 0.01345102  0.01551285  0.00903736  0.0123443   0.00232591  0.
  0.          0.01550947  0.01216718  0.00729196  0.02584019  0.01340072
  0.          0.01338891 -0.01345887  0.00932286  0.00298134]
distances: [0.027147   0.06918823 0.0297773  … 0.028921   0.02978426
0.02770866]
sorted indices: [1680 4762  793 … 1107 5226 2486]
selected indices: [1680 4762  793 1569 1050  365  992 1119 3084 3847]
selected outputs: [[453000.]
 [423000.]
 [395000.]
 [289950.]
 [581000.]
 [542000.]
 [711777.]
 [639000.]
 [320000.]
 [412000.]]
Predicted value: 476672.7
```

```
query set: [ 0.01345102  0.00775643  0.00451868  0.00387623  0.00172075  0.
  0.          0.01550947  0.00869084  0.00447149  0.          0.01317555
  0.          0.01349819 -0.01346482  0.00713681  0.00271769]
distances: [0.00837367 0.07004839 0.01145414 … 0.02102355 0.02464101
0.01569943]
sorted indices: [1330 4175 1721 … 1107 5226 2486]
selected indices: [1330 4175 1721 4794 4251 3555  857 2555 1514 1335]
selected outputs: [[227450.]
 [202000.]
 [135000.]
 [419000.]
 [422000.]
 [267800.]
 [289950.]
 [300000.]
 [295000.]
 [260000.]]
Predicted value: 281820.0


query set: [ 0.01345102  0.00387821  0.00602491  0.00369733  0.00265208  0.
  0.          0.0116321   0.00869084  0.00426511  0.          0.01323014
  0.          0.01343758 -0.01346801  0.00758688  0.00334397]
distances: [0.01005585 0.07012054 0.01087611 … 0.02111392 0.02530644
0.01598946]
sorted indices: [ 739 1028 2074 … 1107 5226 2486]
selected indices: [ 739 1028 2074 3672 4194 2448  513 3241 2218 2509]
selected outputs: [[295000.]
 [135000.]
 [170000.]
 [280000.]
 [ 90000.]
 [264000.]
 [200000.]
 [395000.]
 [382888.]
 [124000.]]
Predicted value: 233588.8


query set: [ 0.01345102  0.01939106  0.02560587  0.02749142  0.00425437  0.
  0.06803154  0.0116321   0.01911985  0.03171316  0.          0.01367364
  0.          0.01345851 -0.01342453  0.02829006  0.00614684]
distances: [0.08064346 0.10077973 0.08106222 … 0.07408751 0.07275889
0.07745572]
sorted indices: [5180 3734 5220 … 1107 5226 2486]
selected indices: [5180 3734 5220 4168 4192 3319 4857 1817 5041 1465]
selected outputs: [[3204000.]
 [1465000.]
```

```
[1138990.]
[ 760000.]
[ 950000.]
[1260000.]
[3800000.]
[ 995000.]
[ 915000.]
[ 810000.]]
Predicted value: 1529799.0


query set: [ 0.01345102  0.01163464  0.00602491  0.01097271  0.00260039  0.
  0.          0.01550947  0.01216718  0.00632887  0.0235376   0.01332566
  0.          0.01342095 -0.01346647  0.00803695  0.00328556]
distances: [0.02428342 0.06908765 0.02680713 … 0.02813006 0.02972287
0.02627393]
sorted indices: [2282 2895 2865 … 1107 5226 2486]
selected indices: [2282 2895 2865 1564 3226 3172  915 2936 4876 4354]
selected outputs: [[342000.]
 [500000.]
 [450000.]
 [450000.]
 [455000.]
 [234550.]
 [267000.]
 [319000.]
 [430000.]
 [655000.]]
Predicted value: 410255.0


query set: [ 0.01345102  0.01163464  0.01506227  0.010436    0.00240456  0.
  0.          0.01550947  0.01216718  0.00811747  0.01458308  0.01350306
  0.          0.01339822 -0.01344435  0.01009441  0.00303813]
distances: [0.01800138 0.06730906 0.02061622 … 0.01782558 0.01997068
0.01576103]
sorted indices: [ 817 1840   77 … 1107 5226 2486]
selected indices: [ 817 1840   77 4359 2933 4226 4878  354 4230 1832]
selected outputs: [[325000.]
 [550000.]
 [260000.]
 [231000.]
 [580000.]
 [225000.]
 [665000.]
 [461000.]
 [339000.]
 [508800.]]
Predicted value: 414480.0
```

```
query set: [ 0.01345102  0.01551285  0.00602491  0.00912405  0.00156505  0.
  0.         0.0116321   0.01216718  0.01052519  0.          0.01348942
  0.         0.01339516 -0.01343796  0.00945145  0.00197742]
distances: [0.00510667 0.0682756  0.01342128 … 0.01310654 0.01486574
0.01016124]
sorted indices: [ 411 4764 3871 … 1107 5226 2486]
selected indices: [ 411 4764 3871 3499 3990 4699 4301 2835  222 2972]
selected outputs: [[475000.]
 [415000.]
 [229000.]
 [185000.]
 [253750.]
 [235000.]
 [226000.]
 [310000.]
 [249950.]
 [575000.]]
Predicted value: 315370.0


query set: [ 0.01345102  0.00775643  0.01204982  0.01115162  0.00165109  0.
  0.         0.0116321   0.01390535  0.01286412  0.          0.01368047
  0.         0.01349426 -0.01343158  0.0116375   0.00208613]
distances: [0.010156   0.06761878 0.01367424 … 0.00679708 0.01132833
0.00638527]
sorted indices: [4602  279 4286 … 1107 5226 2486]
selected indices: [4602  279 4286 1854  760  649 4069 2175 2397 2688]
selected outputs: [[548050.]
 [554000.]
 [558000.]
 [554000.]
 [530000.]
 [509000.]
 [541500.]
 [509000.]
 [375000.]
 [269000.]]
Predicted value: 494755.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0121654   0.00265337  0.
  0.         0.0116321   0.01216718  0.01403359  0.          0.01361906
  0.         0.01343292 -0.01346548  0.01388785  0.00335249]
distances: [0.01370116 0.06756904 0.01708844 … 0.00497752 0.0061563
0.00829423]
sorted indices: [ 856 2308  685 … 1107 5226 2486]
selected indices: [ 856 2308  685 1766 4139 3374 3178 3476 1468 3483]
selected outputs: [[414000.]
 [450000.]
 [369990.]
```

```
 [316000.]
 [545000.]
 [280000.]
 [348450.]
 [333000.]
 [550000.]
 [339995.]]
Predicted value: 394643.5


query set: [ 0.01345102  0.01163464  0.00903736  0.0161609   0.01522322  0.
  0.          0.0116321   0.01216718  0.01492789  0.01381555  0.01350989
  0.          0.01347672 -0.0134242   0.01369496  0.01952842]
distances: [0.02884993 0.0700117  0.02945739 … 0.02674226 0.02713377 0.0298775
]
sorted indices: [ 719 4569 3958 … 1107 5226 2486]
selected indices: [ 719 4569 3958 4241 3108 3943 1649 2500  450 1018]
selected outputs: [[460000.]
 [550000.]
 [624000.]
 [425000.]
 [429000.]
 [375000.]
 [280000.]
 [306500.]
 [300000.]
 [494000.]]
Predicted value: 424350.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01478931  0.00281067  0.
  0.          0.0116321   0.01390535  0.01706044  0.          0.01350306
  0.          0.01342076 -0.0134417   0.0146594   0.00403191]
distances: [0.01550461 0.06746459 0.01830462 … 0.00315261 0.00511813
0.01086554]
sorted indices: [1443 4651 4856 … 1107 5226 2486]
selected indices: [1443 4651 4856 3316 4613  438  296 5305 4970 2116]
selected outputs: [[265000.]
 [450000.]
 [717500.]
 [365000.]
 [363000.]
 [470000.]
 [285167.]
 [348000.]
 [523000.]
 [549000.]]
Predicted value: 433566.7


query set: [ 0.01345102  0.01163464  0.01506227  0.01663797  0.00519212  0.
```

```
  0.          0.0116321    0.01738169   0.019193     0.          0.01356447
  0.          0.01337833  -0.0134657    0.01858143   0.00471823]
distances: [0.02098538 0.06817548 0.02215034 … 0.00823384 0.00675227
0.01613533]
sorted indices: [4862 2131 3751 … 1107 5226 2486]
selected indices: [4862 2131 3751 4193 1317 4369 2565 2579 3716 5149]
selected outputs: [[ 770000.]
 [1250000.]
 [ 780000.]
 [ 725000.]
 [ 850000.]
 [ 796500.]
 [ 430000.]
 [ 678000.]
 [ 609000.]
 [ 554950.]]
Predicted value: 744345.0


query set: [ 0.01345102   0.00775643   0.01054359   0.00572489   0.00199043   0.
  0.          0.01550947   0.01216718   0.00660404   0.          0.0132779
  0.          0.01344926  -0.01347153   0.00642956   0.00243375]
distances: [0.00770318 0.06891248 0.01288265 … 0.01620626 0.0201281
0.00991006]
sorted indices: [3183 4498 3743 … 1107 5226 2486]
selected indices: [3183 4498 3743  729 3511 1433 3320 3075 2910 4950]
selected outputs: [[312000.]
 [217500.]
 [379900.]
 [149900.]
 [168000.]
 [392000.]
 [360000.]
 [401000.]
 [325000.]
 [160000.]]
Predicted value: 286530.0


query set: [ 0.01345102   0.01551285   0.01506227   0.01729395   0.00184917   0.
  0.          0.01550947   0.01390535   0.01141949   0.03172459   0.0133666
  0.          0.01344782  -0.01345788   0.01446651   0.0024735 ]
distances: [0.03565949 0.07035861 0.0372275  … 0.03268614 0.03267726 0.0336347
]
sorted indices: [ 462 1920 1575 … 1107 5226 2486]
selected indices: [ 462 1920 1575 2930  549 4539  210 3893 1001  962]
selected outputs: [[467500.]
 [300000.]
 [313100.]
 [855000.]
```

```
 [723000.]
 [886000.]
 [824000.]
 [780000.]
 [335000.]
 [525000.]]
Predicted value: 600860.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00679831  0.00431473  0.
  0.          0.00775473  0.00869084  0.0078423   0.          0.01326425
  0.          0.0134229  -0.01346581  0.00932286  0.00306653]
distances: [0.00704647 0.06896541 0.01255044 … 0.01672506 0.01888153
0.01317771]
sorted indices: [1394 1324 4000 … 1107 5226 2486]
selected indices: [1394 1324 4000  222 3990  232 4174   91  890 2467]
selected outputs: [[119500.]
 [239000.]
 [182200.]
 [249950.]
 [253750.]
 [175000.]
 [227000.]
 [268750.]
 [197000.]
 [215000.]]
Predicted value: 212715.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01180759  0.00235448  0.
  0.          0.0116321   0.01216718  0.01362084  0.          0.01366682
  0.          0.01339205 -0.01343246  0.01189469  0.00289373]
distances: [0.01269954 0.06753302 0.01728048 … 0.00574324 0.00742966
0.00694718]
sorted indices: [3325 4081  618 … 1107 5226 2486]
selected indices: [3325 4081  618  685  833 3874 5177  109  156 2308]
selected outputs: [[260000.]
 [278000.]
 [322500.]
 [369990.]
 [295000.]
 [295000.]
 [216000.]
 [322500.]
 [338900.]
 [450000.]]
Predicted value: 314789.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01729395  0.00587593  0.
  0.          0.01550947  0.01738169  0.01994971  0.          0.01360541
```

```
   0.          0.01346142 -0.01343125  0.01864572  0.00742416]
distances: [0.02297099 0.06861948 0.02464003 … 0.01158762 0.00873875
0.01876502]
sorted indices: [2724 4461 1521 … 1107 5226 2486]
selected indices: [2724 4461 1521 3130 3238 4370 2682 2490 2100 4899]
selected outputs: [[ 795000.]
 [ 870000.]
 [ 925000.]
 [1199500.]
 [ 690000.]
 [1450000.]
 [ 715000.]
 [ 629000.]
 [ 787888.]
 [ 885000.]]
Predicted value: 894638.8


query set: [ 0.01345102  0.00775643  0.00602491  0.00518819  0.00182991  0.
  0.          0.01550947  0.01042901  0.00598491  0.          0.01335295
  0.          0.01343311 -0.01344666  0.00655815  0.00231206]
distances: [0.00673017 0.0694267  0.01175535 … 0.0187346  0.02242568
0.01326129]
sorted indices: [1578  857   32 … 1107 5226 2486]
selected indices: [1578  857   32 2555  512 4794 4251 1335 1514 3555]
selected outputs: [[299950.]
 [289950.]
 [205425.]
 [300000.]
 [409000.]
 [419000.]
 [422000.]
 [260000.]
 [295000.]
 [267800.]]
Predicted value: 316812.5


query set: [ 0.01345102  0.01551285  0.01204982  0.01210577  0.03328248  0.
  0.          0.01550947  0.01216718  0.0139648   0.          0.01343483
  0.          0.01333885 -0.01342497  0.01003011  0.13198758]
distances: [0.13393862 0.14880591 0.1333204  … 0.13368959 0.13363692
0.13566957]
sorted indices: [2336 2232 2080 … 1107 5226 2486]
selected indices: [2336 2232 2080 4531  724 4385 1787 4365 2956 3309]
selected outputs: [[250000.]
 [550000.]
 [275000.]
 [345000.]
 [724950.]
```

```
 [545000.]
 [310000.]
 [300000.]
 [350000.]
 [201000.]]
Predicted value: 385095.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01085344  0.0016055   0.
  0.         0.0116321   0.01216718  0.01252016  0.          0.01328472
  0.06687568  0.01347435 -0.013469    0.00925857  0.00219362]
distances: [0.06751383 0.01232462 0.06880912 … 0.06741626 0.06769586
0.06716414]
sorted indices: [3347 4468 3578 … 1107 5226 2486]
selected indices: [3347 4468 3578 2970 3842  442 2521 4402 4315 2410]
selected outputs: [[492000.]
 [447500.]
 [397950.]
 [355000.]
 [370000.]
 [561000.]
 [487000.]
 [485000.]
 [465000.]
 [840000.]]
Predicted value: 490045.0


query set: [ 0.01345102  0.00775643  0.00903736  0.0119865   0.00248964  0.
  0.         0.0116321   0.01216718  0.01382721  0.          0.01331884
  0.         0.01343218 -0.01345359  0.0087442   0.00326001]
distances: [0.00908993 0.06767907 0.01471543 … 0.00978277 0.01367066
0.00929201]
sorted indices: [4401 4286 1102 … 1107 5226 2486]
selected indices: [4401 4286 1102 2223 2175  279 3234 3136 4941 1340]
selected outputs: [[489000.]
 [558000.]
 [235000.]
 [490000.]
 [509000.]
 [554000.]
 [544950.]
 [583000.]
 [355000.]
 [307000.]]
Predicted value: 462495.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00715612  0.00257921  0.
  0.         0.01938684  0.01216718  0.00825505  0.          0.01347577
  0.         0.01340922 -0.01344776  0.00816554  0.00308275]
```

```
distances: [0.00905654 0.06867278 0.0141909  … 0.01486835 0.01782107
0.01031855]
sorted indices: [1208  256 4319 … 1107 5226 2486]
selected indices: [1208  256 4319 3686 2424  134 2583 1477 4459 1625]
selected outputs: [[310000.]
 [530000.]
 [421000.]
 [430000.]
 [272000.]
 [232000.]
 [670000.]
 [258000.]
 [386100.]
 [350000.]]
Predicted value: 385910.0

query set: [ 0.01345102  0.01551285  0.0165685   0.01622053  0.01649998  0.
  0.          0.01550947  0.01390535  0.01871145  0.          0.01348942
  0.          0.01342737 -0.01343895  0.01260194  0.02083534]
distances: [0.03027037 0.07144183 0.0319804  … 0.02474949 0.0242306
0.02875401]
sorted indices: [3960 3505 2591 … 1107 5226 2486]
selected indices: [3960 3505 2591 1454 3467 4371 2814 2659 3919 1367]
selected outputs: [[483500.]
 [695000.]
 [597000.]
 [600000.]
 [785000.]
 [549950.]
 [665000.]
 [575000.]
 [590000.]
 [680000.]]
Predicted value: 622045.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01526638  0.00154097  0.
  0.          0.0116321   0.01216718  0.00880539  0.03274797  0.01303909
  0.          0.01346782 -0.01346042  0.01041589  0.001947  ]
distances: [0.03412582 0.07056215 0.03594087 … 0.03410722 0.03503106
0.03377139]
sorted indices: [2508 4783 4660 … 1107 5226 2486]
selected indices: [2508 4783 4660 4275 3894 3606 5106  782  527 3993]
selected outputs: [[475000.]
 [465000.]
 [315000.]
 [280500.]
 [350000.]
 [350000.]
```

```
 [345000.]
 [650000.]
 [875000.]
 [656500.]]
Predicted value: 476200.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00888551  0.00385244  0.
  0.          0.01550947  0.01216718  0.01025002  0.          0.01334613
  0.          0.01345319 -0.01344721  0.01048018  0.0048675 ]
distances: [0.00759506 0.06797911 0.01218968 … 0.01080327 0.01389148
0.00833284]
sorted indices: [4086 2187 2973 … 1107 5226 2486]
selected indices: [4086 2187 2973 2652 1416  259  416 3804 3444 2711]
selected outputs: [[293000.]
 [314950.]
 [216000.]
 [330000.]
 [357500.]
 [234000.]
 [249950.]
 [458000.]
 [217500.]
 [455500.]]
Predicted value: 312640.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00822954  0.00166875  0.
  0.          0.01550947  0.01216718  0.00949331  0.          0.01352353
  0.          0.01344822 -0.01346724  0.00848702  0.0027692 ]
distances: [0.00741274 0.06805525 0.01356482 … 0.01141602 0.01478872
0.00610014]
sorted indices: [3507 4936  737 … 1107 5226 2486]
selected indices: [3507 4936  737 1301 2450 1771 2146 4053 1919 3729]
selected outputs: [[418000.]
 [249900.]
 [265000.]
 [255000.]
 [259900.]
 [246000.]
 [235000.]
 [279950.]
 [320000.]
 [274000.]]
Predicted value: 280275.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01538565  0.00216378  0.
  0.          0.0116321   0.01390535  0.01774836  0.          0.01363953
  0.          0.01341377 -0.01344831  0.01292342  0.00273391]
distances: [0.01856562 0.06766845 0.02261461 … 0.00593254 0.00482654 0.0115229
```

```
]
sorted indices: [2863 5409 2366 … 1107 5226 2486]
selected indices: [2863 5409 2366 3713 1186 4600 2615 3533 3938 1690]
selected outputs: [[425000.]
 [525000.]
 [379000.]
 [310000.]
 [412000.]
 [409950.]
 [426950.]
 [705000.]
 [575000.]
 [612000.]]
Predicted value: 477990.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01771139  0.00741594  0.
  0.          0.0116321   0.01216718  0.01038761  0.03735315  0.01342119
  0.          0.01351103 -0.01344258  0.01536665  0.00823419]
distances: [0.04133177 0.07252545 0.04171229 … 0.03886408 0.03927161 0.0401315
]
sorted indices: [4161 3690 2734 … 1107 2486 5226]
selected indices: [4161 3690 2734 3968  782  518 5106 4216 4103 1054]
selected outputs: [[575000.]
 [770000.]
 [450000.]
 [675000.]
 [650000.]
 [962000.]
 [345000.]
 [439000.]
 [532500.]
 [373000.]]
Predicted value: 577150.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00685795  0.0061639   0.
  0.          0.01550947  0.00869084  0.00791109  0.          0.01301862
  0.          0.01337022 -0.01345766  0.00829413  0.007788  ]
distances: [0.00874845 0.06911077 0.01260078 … 0.01780708 0.02062015
0.01496266]
sorted indices: [3711 4106 5020 … 1107 5226 2486]
selected indices: [3711 4106 5020 1757 4906 4295 4374 4904 1217  914]
selected outputs: [[160000.]
 [218000.]
 [282000.]
 [280000.]
 [205950.]
 [300000.]
 [124740.]
```

```
  [230000.]
  [224975.]
  [206000.]]
Predicted value: 223166.5


query set: [ 0.01345102  0.01163464  0.01958096  0.01759212  0.00142733  0.
  0.          0.0116321   0.01564352  0.01685407  0.01279217  0.01365317
  0.          0.01345778 -0.01347098  0.01240905  0.00172593]
distances: [0.02371059 0.06702469 0.02690338 … 0.01450242 0.01486862 0.0175452
]
sorted indices: [1500 2309 3957 … 1107 5226 2486]
selected indices: [1500 2309 3957 5172 5167 5166 2414 5434  548 1110]
selected outputs: [[ 925000.]
 [ 952000.]
 [ 790000.]
 [ 575000.]
 [ 724500.]
 [ 459000.]
 [1008000.]
 [ 775000.]
 [ 852000.]
 [ 477590.]]
Predicted value: 753809.0


query set: [ 0.01345102  0.01163464  0.00602491  0.0060827   0.00293652  0.
  0.          0.01550947  0.01042901  0.00701679  0.          0.01296403
  0.06563971  0.01338071 -0.01342817  0.0102873   0.00393456]
distances: [0.06584563 0.01816108 0.06630434 … 0.06760078 0.06835813
0.06676342]
sorted indices: [4927  832 4928 … 1107 5226 2486]
selected indices: [4927  832 4928 2496  492 1047 4282 3969 2421 4031]
selected outputs: [[168000.]
 [476500.]
 [320000.]
 [500000.]
 [400000.]
 [235000.]
 [260000.]
 [267000.]
 [327000.]
 [596000.]]
Predicted value: 354950.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00852771  0.00032168  0.
  0.          0.0116321   0.01390535  0.00983727  0.          0.01366
  0.          0.01348968 -0.01346636  0.00919427  0.00062061]
distances: [0.00976399 0.06796002 0.01514212 … 0.00962707 0.01309898
0.00111639]
```

```
sorted indices: [2145 5452 5258 … 1107 5226 2486]
selected indices: [2145 5452 5258 1716 4859 5311 2092 5523 5238 5518]
selected outputs: [[349950.]
 [375000.]
 [416286.]
 [408000.]
 [425000.]
 [563500.]
 [443600.]
 [467000.]
 [599950.]
 [385000.]]
Predicted value: 443328.6


query set: [ 0.01345102  0.01163464  0.01204982  0.0140737   0.00409129  0.
  0.          0.01938684  0.01216718  0.01623494  0.          0.01340072
  0.          0.01342887 -0.013446    0.01060877  0.00349852]
distances: [0.01491528 0.06780202 0.01929375 … 0.00977747 0.01164619
0.01233924]
sorted indices: [  85  280 1744 … 1107 5226 2486]
selected indices: [  85  280 1744 4061  978 2989 1279 4863 3312  780]
selected outputs: [[450000.]
 [249900.]
 [350000.]
 [825000.]
 [635000.]
 [510000.]
 [560000.]
 [720000.]
 [305000.]
 [255000.]]
Predicted value: 485990.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00548636  0.00153134  0.
  0.          0.01550947  0.01042901  0.00632887  0.          0.01343483
  0.          0.01339561 -0.01343697  0.0059152   0.00193483]
distances: [0.00558292 0.06928296 0.01305957 … 0.01831564 0.02138861
0.01257839]
sorted indices: [4829 1684 2160 … 1107 5226 2486]
selected indices: [4829 1684 2160 1907 3702  823 4314 2551 3422 3970]
selected outputs: [[ 90000.]
 [225000.]
 [200000.]
 [219900.]
 [255000.]
 [256000.]
 [152500.]
 [160000.]
```

```
  [172380.]
  [160000.]]
Predicted value: 189078.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00638087  0.00186972  0.
  0.03401577  0.01938684  0.01216718  0.00736076  0.          0.01329837
  0.          0.01343566 -0.01345458  0.01343778  0.00323689]
distances: [0.03545988 0.07720856 0.03529747 … 0.03792911 0.03941918
0.03683446]
sorted indices: [2318 1139 2518 … 1107 5226 2486]
selected indices: [2318 1139 2518 3304 2265  532 1357 2419 3076 3986]
selected outputs: [[255000.]
 [530000.]
 [503000.]
 [580000.]
 [370000.]
 [320000.]
 [220000.]
 [400000.]
 [715000.]
 [295000.]]
Predicted value: 418800.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00954149  0.00215094  0.
  0.          0.0116321   0.01390535  0.01100674  0.          0.01358494
  0.          0.0133946  -0.01343609  0.01150891  0.00307342]
distances: [0.01041511 0.06769586 0.01424722 … 0.00688782 0.01052223
0.00353275]
sorted indices: [3020 4508 2121 … 1107 5226 2486]
selected indices: [3020 4508 2121 3081 4283  448 5426  531 2379 2940]
selected outputs: [[260000.]
 [500000.]
 [262000.]
 [216300.]
 [465000.]
 [360400.]
 [299000.]
 [272000.]
 [265000.]
 [210000.]]
Predicted value: 310970.0


query set: [ 0.01345102  0.0310257   0.02259341  0.02063347  0.00147677  0.
  0.          0.0116321   0.01216718  0.01967454  0.01535061  0.01355765
  0.          0.01347941 -0.01345975  0.01395215  0.00152109]
distances: [0.03512605 0.07050324 0.03920957 … 0.02719176 0.0242517
0.03010968]
sorted indices: [1738 4711 5328 … 1107 5226 2486]
```

```
selected indices: [1738 4711 5328 2760 5445 1735 3612 3482 5026 5152]
selected outputs: [[ 620000.]
 [ 934000.]
 [ 616950.]
 [ 795000.]
 [ 612995.]
 [ 685000.]
 [1285000.]
 [ 775000.]
 [1059500.]
 [ 970000.]]
Predicted value: 835344.5


query set: [ 0.01345102  0.01163464  0.01054359  0.01127089  0.0051369   0.
  0.          0.01550947  0.01216718  0.01300171  0.          0.01330519
  0.          0.01350899 -0.01345007  0.0117018   0.00464441]
distances: [0.01016581 0.06770031 0.01402088 … 0.00869588 0.01144703
0.00958665]
sorted indices: [2101 4527  637 … 1107 5226 2486]
selected indices: [2101 4527  637 1247  127 4819  294 2484 3293  564]
selected outputs: [[285000.]
 [475000.]
 [340500.]
 [572000.]
 [811000.]
 [232603.]
 [550000.]
 [229950.]
 [525000.]
 [490000.]]
Predicted value: 451105.3


query set: [ 0.01345102  0.00775643  0.00602491  0.00691758  0.00240777  0.
  0.          0.01550947  0.01216718  0.00797988  0.          0.0130732
  0.          0.01347607 -0.0134187   0.00713681  0.00304219]
distances: [0.00576924 0.06890442 0.01176984 … 0.01654646 0.02013655
0.01199584]
sorted indices: [3870 2009 3593 … 1107 5226 2486]
selected indices: [3870 2009 3593 3097 4789 4604  608  138  149 4001]
selected outputs: [[345000.]
 [315000.]
 [325000.]
 [339000.]
 [180000.]
 [244000.]
 [254000.]
 [300000.]
 [215000.]
```

```
 [500000.]]
Predicted value: 301700.0


query set: [ 0.01345102  0.02326928  0.02409964  0.01860591  0.00136119  0.
  0.03401577  0.01550947  0.01216718  0.01437755  0.02635188  0.01359859
  0.          0.01344231 -0.0134668   0.00938716  0.00171985]
distances: [0.05002814 0.07821726 0.05279553 … 0.04627617 0.0457091
0.04683775]
sorted indices: [5051  473 1980 … 1107 5226 2486]
selected indices: [5051  473 1980 4637 4312 4847 4995  333 5378  783]
selected outputs: [[1375000.]
 [ 565000.]
 [1450000.]
 [ 376000.]
 [ 675000.]
 [ 866800.]
 [1010000.]
 [ 680000.]
 [ 664950.]
 [1125000.]]
Predicted value: 878775.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00870661  0.00161802  0.
  0.          0.0116321   0.01216718  0.00756713  0.00921037  0.01344848
  0.          0.01349341 -0.01346724  0.01498087  0.00306653]
distances: [0.01175445 0.06752969 0.01195761 … 0.01459598 0.01690288
0.01293056]
sorted indices: [3277 2261 1352 … 1107 5226 2486]
selected indices: [3277 2261 1352 2072 2507 1472 2556 1400 1602 2855]
selected outputs: [[329932.]
 [405000.]
 [285000.]
 [447000.]
 [284200.]
 [445000.]
 [291600.]
 [385500.]
 [240000.]
 [420000.]]
Predicted value: 353323.2


query set: [ 0.01345102  0.01551285  0.01506227  0.01264247  0.00308291  0.
  0.          0.0116321   0.01390535  0.01458393  0.          0.013544
  0.          0.01344352 -0.01343378  0.01279482  0.00389846]
distances: [0.01395256 0.06753307 0.01809837 … 0.00493392 0.00560121
0.00841833]
sorted indices: [2622 1468 2739 … 1107 5226 2486]
selected indices: [2622 1468 2739 3476 4139 4576  741  691 1766 1879]
```

```
selected outputs: [[260000.]
 [550000.]
 [545000.]
 [333000.]
 [545000.]
 [610000.]
 [380000.]
 [354450.]
 [316000.]
 [272000.]]
Predicted value: 416545.0

query set: [ 0.01345102  0.01163464  0.01355605  0.01061491  0.00299045  0.
  0.          0.0116321   0.01216718  0.012245    0.          0.01361906
  0.          0.01350393 -0.0134668   0.01144462  0.00346607]
distances: [0.00986947 0.06751647 0.01400467 … 0.00615627 0.00998014
0.00530192]
sorted indices: [4877 3829 2541 … 1107 5226 2486]
selected indices: [4877 3829 2541  972 2257 1423  755 4858  727 3604]
selected outputs: [[250000.]
 [283748.]
 [280000.]
 [203000.]
 [280000.]
 [265000.]
 [299950.]
 [315000.]
 [334000.]
 [275000.]]
Predicted value: 278569.8

query set: [ 0.01345102  0.01551285  0.01506227  0.0123443   0.00277953  0.
  0.          0.0116321   0.01390535  0.01423997  0.          0.01363953
  0.          0.01343572 -0.01345623  0.01292342  0.00292659]
distances: [0.01361516 0.06754516 0.01775805 … 0.00474552 0.00561408
0.00774199]
sorted indices: [2739 3476 4139 … 1107 5226 2486]
selected indices: [2739 3476 4139 1468 2622 4576 1879  741  645 2608]
selected outputs: [[545000.]
 [333000.]
 [545000.]
 [550000.]
 [260000.]
 [610000.]
 [272000.]
 [380000.]
 [545000.]
 [295000.]]
```

432

```
Predicted value: 433500.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00876624  0.00278724  0.
  0.          0.0116321   0.01216718  0.00797988  0.00793115  0.013544
  0.          0.01336945 -0.01346086  0.01073737  0.00339062]
distances: [0.01137251 0.06723345 0.01442982 … 0.01289658 0.01582949
0.00944712]
sorted indices: [3287 1655 2385 … 1107 5226 2486]
selected indices: [3287 1655 2385 2480 2446 4494 2158 3496 3486 1099]
selected outputs: [[269000.]
 [219950.]
 [439000.]
 [260750.]
 [267500.]
 [246000.]
 [332000.]
 [364000.]
 [270000.]
 [580000.]]
Predicted value: 324820.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01311955  0.00433335  0.
  0.          0.0116321   0.01390535  0.01513426  0.          0.01355765
  0.          0.0133813  -0.01346647  0.01408074  0.00480666]
distances: [0.01606408 0.06765708 0.01919095 … 0.00554009 0.00544629
0.01029154]
sorted indices: [ 691 2779 1533 … 1107 5226 2486]
selected indices: [ 691 2779 1533  975 3284 1314 2569 1973  726 4810]
selected outputs: [[354450.]
 [442500.]
 [487600.]
 [645000.]
 [360000.]
 [623000.]
 [397000.]
 [325000.]
 [499000.]
 [310000.]]
Predicted value: 444355.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00888551  0.00508843  0.
  0.          0.0116321   0.01216718  0.01025002  0.          0.0132779
  0.          0.01350187 -0.01346614  0.01253764  0.00536561]
distances: [0.0065975  0.06829148 0.00966778 … 0.01263822 0.01512872
0.01171451]
sorted indices: [ 185 1069 4609 … 1107 5226 2486]
selected indices: [ 185 1069 4609 4203 4361  935  861 4530 1933 4335]
selected outputs: [[396000.]
```

```
 [394900.]
 [375000.]
 [227000.]
 [360000.]
 [240000.]
 [199000.]
 [523000.]
 [260000.]
 [326188.]]
Predicted value: 330108.8


query set: [ 0.01345102  0.01163464  0.01506227  0.0123443   0.00269671  0.
  0.          0.01550947  0.01390535  0.01423997  0.          0.01357812
  0.          0.01337992 -0.01345062  0.01330919  0.00374757]
distances: [0.01379753 0.06756016 0.01679388 … 0.00478398 0.00778239
0.00815869]
sorted indices: [1375   554   997 … 1107 5226 2486]
selected indices: [1375   554   997 2574 2675 3197 1610 4373  811 1880]
selected outputs: [[890000.]
 [550000.]
 [675000.]
 [319000.]
 [347500.]
 [412000.]
 [306500.]
 [624950.]
 [299000.]
 [325000.]]
Predicted value: 474895.0


query set: [ 0.01345102  0.01939106  0.01204982  0.01258284  0.00254229  0.
  0.          0.0116321   0.01216718  0.00763592  0.02558435  0.01341436
  0.          0.01343832 -0.01345733  0.010223    0.00212953]
distances: [0.02802065 0.06916305 0.03087328 … 0.02848175 0.02876025
0.02746666]
sorted indices: [1633 2319 4236 … 1107 5226 2486]
selected indices: [1633 2319 4236 4775 2672  785  123 2857 3451   41]
selected outputs: [[375000.]
 [274000.]
 [300000.]
 [534000.]
 [405000.]
 [200000.]
 [475000.]
 [525000.]
 [780000.]
 [220000.]]
Predicted value: 408800.0
```

```
query set: [ 0.01345102  0.01551285  0.00903736  0.01270211  0.00160518  0.
  0.          0.01550947  0.01390535  0.01465272  0.          0.0131005
  0.          0.0134571  -0.01345997  0.01645967  0.00202813]
distances: [0.01336694 0.06798197 0.015964   … 0.00848031 0.00822921
0.01199949]
sorted indices: [1971 2904 1444 … 1107 5226 2486]
selected indices: [1971 2904 1444 1039  910 3403 2588 4124  146 3307]
selected outputs: [[ 245000.]
 [ 875000.]
 [1000000.]
 [ 260000.]
 [ 566000.]
 [ 860000.]
 [ 605000.]
 [1058000.]
 [ 318888.]
 [ 870000.]]
Predicted value: 665788.8

query set: [ 0.01345102  0.01551285  0.01054359  0.01204613  0.00225656  0.
  0.          0.01550947  0.01216718  0.00983727  0.01509477  0.01350306
  0.          0.01348976 -0.01344192  0.01144462  0.0029205 ]
distances: [0.0177488  0.06725477 0.02098396 … 0.01809752 0.01906658
0.01737579]
sorted indices: [4091 3912 3652 … 1107 5226 2486]
selected indices: [4091 3912 3652 2065  878 5003 2747 4006 3003 4063]
selected outputs: [[507000.]
 [300000.]
 [302000.]
 [336500.]
 [425000.]
 [719521.]
 [445500.]
 [635000.]
 [402000.]
 [509000.]]
Predicted value: 458152.1

query set: [ 0.01345102  0.01163464  0.00602491  0.0060827   0.00154097  0.
  0.          0.0116321   0.01216718  0.00701679  0.          0.01326425
  0.          0.01345107 -0.01345788  0.00900138  0.00221674]
distances: [0.00153513 0.06883087 0.00995873 … 0.01567564 0.01864357
0.01054102]
sorted indices: [4622 3797   45 … 1107 5226 2486]
selected indices: [4622 3797   45 1052 2742  435 2796 4164 1020 1964]
selected outputs: [[217450.]
 [335000.]
```

```
 [560000.]
 [410000.]
 [194000.]
 [293000.]
 [411500.]
 [333000.]
 [339888.]
 [250000.]]
Predicted value: 334383.8


query set: [ 0.01345102  0.01939106  0.02108718  0.01628017  0.01364404  0.
  0.          0.0116321   0.01390535  0.01052519  0.03070122  0.01357129
  0.          0.013422   -0.01342751  0.020446    0.01540159]
distances: [0.04213893 0.07316963 0.04178243 … 0.03766346 0.03698609
0.03997399]
sorted indices: [3526 2919 4377 … 1107 5226 2486]
selected indices: [3526 2919 4377 2061 3262 4233  485 2761 4524 4217]
selected outputs: [[624500.]
 [935000.]
 [696000.]
 [710000.]
 [595000.]
 [430000.]
 [668000.]
 [532000.]
 [583500.]
 [585000.]]
Predicted value: 635900.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01144979  0.00144466  0.
  0.          0.01938684  0.01216718  0.00660404  0.02456097  0.01312779
  0.          0.0134802  -0.01346724  0.00765118  0.0016225 ]
distances: [0.02659176 0.06924925 0.02920968 … 0.02866185 0.03022097
0.02673776]
sorted indices: [4788  641  701 … 1107 5226 2486]
selected indices: [4788  641  701 2076  418  735  508 3865 1876 3529]
selected outputs: [[607000.]
 [700000.]
 [555000.]
 [250000.]
 [285000.]
 [420000.]
 [725000.]
 [667500.]
 [520500.]
 [665000.]]
Predicted value: 539500.0
```

```
query set: [ 0.01345102  0.01163464  0.01506227  0.01467004  0.00211884  0.
  0.          0.01550947  0.01390535  0.01073157  0.02302591  0.0131619
  0.          0.01347226 -0.01346658  0.01343778  0.00137913]
distances: [0.02681852 0.06808071 0.02839555 … 0.02393689 0.02482293
0.02435078]
sorted indices: [3881 3679  657 … 1107 5226 2486]
selected indices: [3881 3679  657 5012 3412 2292 2363 2797 2665 2847]
selected outputs: [[ 622500.]
 [ 325000.]
 [ 785000.]
 [ 575000.]
 [ 793000.]
 [ 552500.]
 [ 610000.]
 [ 282000.]
 [1145000.]
 [ 825000.]]
Predicted value: 651500.0

query set: [ 0.01345102  0.01551285  0.00602491  0.0083488   0.00115573  0.
  0.          0.01550947  0.01042901  0.00481545  0.01790904  0.01297086
  0.          0.01346117 -0.01346042  0.01086596  0.00146025]
distances: [0.01930749 0.06875449 0.02148674 … 0.02456947 0.02601234
0.02192531]
sorted indices: [2610 1777 1612 … 1107 5226 2486]
selected indices: [2610 1777 1612 4984 4324 3988 4520  362 1688 2577]
selected outputs: [[415000.]
 [560000.]
 [317500.]
 [351000.]
 [413000.]
 [605000.]
 [160000.]
 [320000.]
 [371500.]
 [456000.]]
Predicted value: 396900.0

query set: [ 0.01345102  0.01939106  0.01054359  0.00822954  0.0024463   0.
  0.          0.0116321   0.01216718  0.00811747  0.00511687  0.01333931
  0.          0.01344157 -0.01346592  0.01279482  0.00309086]
distances: [0.01125566 0.06796502 0.01512768 … 0.01409127 0.01474363
0.01165123]
sorted indices: [4973 1097 2042 … 1107 5226 2486]
selected indices: [4973 1097 2042 4243  880  494 1172  189 1134  639]
selected outputs: [[289950.]
 [458000.]
 [476500.]
```

```
 [221000.]
 [535000.]
 [330000.]
 [295000.]
 [485000.]
 [239900.]
 [660000.]]
Predicted value: 399035.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01383516  0.00237567  0.
  0.          0.01938684  0.01216718  0.01114432  0.01790904  0.01305273
  0.          0.01344946 -0.01345755  0.01118743  0.0016225 ]
distances: [0.02224969 0.06766529 0.02535977 … 0.02099837 0.02163975
0.02092629]
sorted indices: [4871  703  251 … 1107 5226 2486]
selected indices: [4871  703  251  484 4980 1492 4063 1478 2305  761]
selected outputs: [[522500.]
 [645000.]
 [930000.]
 [411800.]
 [600000.]
 [395000.]
 [509000.]
 [652000.]
 [535000.]
 [430000.]]
Predicted value: 563030.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01001856  0.00272464  0.
  0.          0.0116321   0.01216718  0.01155707  0.          0.01359859
  0.          0.01334768 -0.01342905  0.01337348  0.00347215]
distances: [0.00905302 0.06765032 0.01184906 … 0.00668354 0.01021771
0.00634481]
sorted indices: [1423 3837  534 … 1107 5226 2486]
selected indices: [1423 3837  534 4647 2858 1678 5087 2180 3846 4920]
selected outputs: [[265000.]
 [268000.]
 [272500.]
 [343500.]
 [276000.]
 [267500.]
 [210000.]
 [510000.]
 [169000.]
 [252500.]]
Predicted value: 283400.0


query set: [ 0.01345102  0.01551285  0.02560587  0.02737215  0.00565698  0.
```

```
   0.          0.0116321   0.01738169  0.02173831  0.03658562  0.01366682
   0.          0.01348948 -0.01345051  0.02443233  0.00497621]
distances: [0.05133672 0.07546845 0.05173998 … 0.0427148  0.04138213
0.04685741]
sorted indices: [ 504 3192 5450 … 1107 5226 2486]
selected indices: [ 504 3192 5450 4742 5134 1232 2961 4818 4545 1938]
selected outputs: [[1715000.]
 [ 932808.]
 [1350000.]
 [ 839000.]
 [ 633000.]
 [2048000.]
 [1450000.]
 [1945000.]
 [1650000.]
 [2538000.]]
Predicted value: 1510080.8


query set: [ 0.01345102  0.00775643  0.01054359  0.01061491  0.07215902  0.
  0.          0.01550947  0.01390535  0.012245    0.          0.01348259
  0.          0.01340987 -0.01342817  0.01324489  0.02902653]
distances: [0.07594731 0.100769   0.07461568 … 0.0757551  0.07609947
0.07764908]
sorted indices: [4041 1155 4186 … 1107 5226 2486]
selected indices: [4041 1155 4186  670 1908  583 5022 4875 2182  874]
selected outputs: [[587000.]
 [363750.]
 [500000.]
 [299000.]
 [520000.]
 [560000.]
 [413100.]
 [495000.]
 [540500.]
 [150000.]]
Predicted value: 442835.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00423404  0.00163729  0.
  0.          0.01938684  0.01216718  0.00488424  0.          0.01299815
  0.          0.0134836  -0.01346988  0.00983723  0.00206869]
distances: [0.00975592 0.06990397 0.0112228  … 0.01961523 0.02295431
0.01482744]
sorted indices: [2654 1428  790 … 1107 5226 2486]
selected indices: [2654 1428  790  196 2193 3701  668 4433 2107 4218]
selected outputs: [[447000.]
 [235000.]
 [415000.]
 [565000.]
```

```
 [402000.]
 [195000.]
 [205500.]
 [416000.]
 [245000.]
 [245000.]]
Predicted value: 337050.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00864698  0.00254582  0.
  0.          0.01550947  0.01042901  0.00791109  0.0076753   0.01312097
  0.          0.01343968 -0.01346878  0.00668674  0.00313954]
distances: [0.0091991   0.06794162 0.01514614 … 0.01775037 0.02047394
0.01400675]
sorted indices: [3200  765    15 … 1107 5226 2486]
selected indices: [3200  765    15 1151 2242 1893 4648 2278 4408  271]
selected outputs: [[225000.]
 [409500.]
 [309000.]
 [140000.]
 [235000.]
 [290000.]
 [273500.]
 [428750.]
 [460000.]
 [260000.]]
Predicted value: 303075.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00882588  0.00251371  0.
  0.          0.0116321   0.01216718  0.01018123  0.          0.01331884
  0.          0.01351012 -0.01346493  0.00932286  0.00317604]
distances: [0.00303933 0.06820555 0.01127084 … 0.01286919 0.01571103
0.00982434]
sorted indices: [ 247 1529 2888 … 1107 5226 2486]
selected indices: [ 247 1529 2888 2169 2482 3676 4526 4530 4099  676]
selected outputs: [[147500.]
 [340000.]
 [273000.]
 [315000.]
 [357000.]
 [414500.]
 [399000.]
 [523000.]
 [229900.]
 [250000.]]
Predicted value: 324890.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00775246  0.01999735  0.
  0.          0.0116321   0.01216718  0.00894297  0.          0.01353036
```

```
    0.         0.01347692 -0.01342563  0.01189469  0.02120284]
distances: [0.02684532 0.07260518 0.02639232 … 0.02823292 0.02945748
0.02900989]
sorted indices: [5465 2997 3219 … 1107 5226 2486]
selected indices: [5465 2997 3219 3527  775 4205 2597 3850 2520 4410]
selected outputs: [[320000.]
 [210000.]
 [590000.]
 [500000.]
 [387000.]
 [213000.]
 [539000.]
 [500000.]
 [280000.]
 [476800.]]
Predicted value: 401580.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01532602  0.0023182   0.
  0.         0.01550947  0.01390535  0.01080036  0.02558435  0.01335978
  0.         0.01348801 -0.01347054  0.01568813  0.00295052]
distances: [0.0299324  0.0688089  0.03119603 … 0.02670208 0.0267625
0.02769149]
sorted indices: [ 496 3089 2174 … 1107 5226 2486]
selected indices: [ 496 3089 2174 2363 3412 3436 1920 3216 2238  962]
selected outputs: [[485000.]
 [555000.]
 [437850.]
 [610000.]
 [793000.]
 [415000.]
 [300000.]
 [627500.]
 [825000.]
 [525000.]]
Predicted value: 557335.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01586273  0.07159977  0.
  0.         0.0116321   0.01390535  0.00914935  0.03402718  0.01338707
  0.06730993  0.01340899 -0.01343576  0.01003011  0.0902885 ]
distances: [0.13600414 0.11408043 0.13517996 … 0.13554229 0.13559107
0.13731249]
sorted indices: [3409  948 4653 … 1107 2486 5226]
selected indices: [3409  948 4653 1765 4036 2390  852 5215 3965  114]
selected outputs: [[ 450000.]
 [ 598600.]
 [ 608000.]
 [ 408506.]
 [ 442500.]
```

```
[1335000.]
 [ 449500.]
 [1015000.]
 [ 506000.]
 [ 563500.]]
Predicted value: 637660.6


query set: [ 0.01345102  0.01163464  0.00602491  0.00715612  0.00508618  0.
  0.03401577  0.0116321   0.01216718  0.00825505  0.          0.01333931
  0.          0.01343343 -0.01340362  0.00906568  0.00642632]
distances: [0.03442548 0.07664911 0.03570591 … 0.03735129 0.03856417
0.03616138]
sorted indices: [ 920 1727 3812 … 1107 5226 2486]
selected indices: [ 920 1727 3812 4557 2288  413 2491 1800 2265 1517]
selected outputs: [[350000.]
 [243000.]
 [397000.]
 [306000.]
 [569950.]
 [455000.]
 [256000.]
 [750000.]
 [370000.]
 [685000.]]
Predicted value: 438195.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01210577  0.00269671  0.
  0.          0.0116321   0.01216718  0.00914935  0.01790904  0.01342801
  0.          0.01348213 -0.01344468  0.01234476  0.00340725]
distances: [0.02247819 0.06775604 0.02527629 … 0.02085477 0.02097397 0.020355
]
sorted indices: [2516  557 4513 … 1107 5226 2486]
selected indices: [2516  557 4513 4706 4088 1970 3971 3685  503 1662]
selected outputs: [[450000.]
 [345000.]
 [559900.]
 [420000.]
 [465000.]
 [325000.]
 [475000.]
 [234500.]
 [333800.]
 [330000.]]
Predicted value: 393820.0


query set: [ 0.01345102  0.01163464  0.00903736  0.007991    0.0028431   0.
  0.          0.01550947  0.01216718  0.00921814  0.          0.0133666
  0.          0.01346462 -0.01344181  0.01189469  0.00354516]
```

```
distances: [0.00629405 0.06820162 0.01003162 … 0.01166414 0.01464957
0.00874363]
sorted indices: [1129 2769 1086 … 1107 5226 2486]
selected indices: [1129 2769 1086 2016 4045 3315 4317 4724 2699 3920]
selected outputs: [[413107.]
 [232000.]
 [370000.]
 [760000.]
 [200500.]
 [599380.]
 [225000.]
 [550000.]
 [266200.]
 [409950.]]
Predicted value: 402613.7

query set: [ 0.01345102  0.01551285  0.01506227  0.01264247  0.00294166  0.
  0.          0.01550947  0.01390535  0.00997486  0.01714151  0.01338025
  0.          0.01344926 -0.01344688  0.01363067  0.00371796]
distances: [0.02172401 0.06742829 0.0237629  … 0.01899571 0.01952291
0.01916724]
sorted indices: [ 133 4019  573 … 1107 5226 2486]
selected indices: [ 133 4019  573  482 1720  687 1131 3015 1899 4980]
selected outputs: [[295000.]
 [330000.]
 [529219.]
 [655000.]
 [224950.]
 [675000.]
 [275000.]
 [590000.]
 [487000.]
 [600000.]]
Predicted value: 466116.9

query set: [ 0.01345102  0.01163464  0.01807473  0.01240394  0.00337762  0.
  0.          0.0116321   0.01564352  0.01430876  0.          0.01367364
  0.          0.01348988 -0.01345304  0.02398226  0.0048026 ]
distances: [0.02166608 0.06888889 0.01935076 … 0.01057885 0.01040898
0.01624501]
sorted indices: [5354 2474 2680 … 1107 5226 2486]
selected indices: [5354 2474 2680 5085 4845 3892 4369 2131 2248 2565]
selected outputs: [[ 605000.]
 [ 435000.]
 [ 535950.]
 [ 427874.]
 [ 552000.]
 [ 425000.]
```

```
[ 796500.]
 [1250000.]
 [ 650000.]
 [ 430000.]]
Predicted value: 610732.4


query set: [ 0.01345102  0.01163464  0.01054359  0.00805063  0.00187806  0.
  0.          0.01550947  0.01216718  0.00722317  0.0076753   0.01346212
  0.          0.01341176 -0.01346405  0.01099455  0.00314643]
distances: [0.01012916 0.06757619 0.01312025 … 0.01454701 0.01732429
0.01093451]
sorted indices: [1869 2361 4540 … 1107 5226 2486]
selected indices: [1869 2361 4540 4558 1676  480 4034 1639 3169   30]
selected outputs: [[203000.]
 [585000.]
 [550000.]
 [440000.]
 [536000.]
 [386500.]
 [265000.]
 [550000.]
 [275000.]
 [272500.]]
Predicted value: 406300.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01997749  0.06396745  0.
  0.          0.0116321   0.01738169  0.02304536  0.          0.01367364
  0.          0.01339414 -0.01342663  0.02153903  0.07459324]
distances: [0.09917375 0.11706236 0.09798206 … 0.09628848 0.09566361
0.09983197]
sorted indices: [2664 4483 3959 … 1107 5226 2486]
selected indices: [2664 4483 3959 1488 3765 1259   74 1452 5215 3965]
selected outputs: [[ 774950.]
 [1650000.]
 [ 687000.]
 [ 900000.]
 [ 410000.]
 [ 559000.]
 [ 800000.]
 [ 400000.]
 [1015000.]
 [ 506000.]]
Predicted value: 770195.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01097271  0.002167    0.
  0.          0.01550947  0.01216718  0.0087366   0.01458308  0.01350989
  0.          0.01340752 -0.01344688  0.01125173  0.002841  ]
distances: [0.01754132 0.06719275 0.01988233 … 0.01727752 0.01929402
```

```
0.01580747]
sorted indices: [  77 1840 4230 … 1107 5226 2486]
selected indices: [  77 1840 4230 4359 3207 1832 3121 2933 4226 1673]
selected outputs: [[260000.]
 [550000.]
 [339000.]
 [231000.]
 [520000.]
 [508800.]
 [197400.]
 [580000.]
 [225000.]
 [301000.]]
Predicted value: 371220.0

query set: [ 0.01345102  0.01163464  0.01204982  0.00870661  0.00183472  0.
  0.          0.0116321   0.01216718  0.01004365  0.          0.01335295
  0.06727653  0.01344499 -0.01345832  0.00900138  0.00231815]
distances: [0.06759497 0.01340116 0.0685187  … 0.06800002 0.06861119
0.06741318]
sorted indices: [4402 4315 4797 … 1107 5226 2486]
selected indices: [4402 4315 4797 2296 4355 2925 4566 2521 2970 3347]
selected outputs: [[485000.]
 [465000.]
 [536000.]
 [510000.]
 [297950.]
 [475000.]
 [291750.]
 [487000.]
 [355000.]
 [492000.]]
Predicted value: 439470.0

query set: [ 0.01345102  0.01163464  0.01506227  0.0144315   0.01386139  0.
  0.06803154  0.01550947  0.01390535  0.01162587  0.01867657  0.01357129
  0.          0.01345319 -0.01343433  0.02404655  0.00353583]
distances: [0.07435511 0.09727293 0.07344716 … 0.07242715 0.07244434
0.07358123]
sorted indices: [4849 4850 2085 … 1107 5226 2486]
selected indices: [4849 4850 2085 3861 3508 1106  838 3319 1181  472]
selected outputs: [[1411600.]
 [1505000.]
 [ 732000.]
 [ 715000.]
 [ 415000.]
 [1250000.]
 [ 921000.]
```

```
 [1260000.]
 [1345000.]
 [ 550000.]]
Predicted value: 1010460.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01461041  0.00141256  0.
  0.         0.0116321   0.01216718  0.00997486  0.02558435  0.01305273
  0.06614078  0.01347367 -0.01346394  0.01215187  0.0005622 ]
distances: [0.07181261 0.01694453 0.07273212 … 0.0714063  0.07159169 0.0713694
]
sorted indices: [4089 1696 4322 … 1107 5226 2486]
selected indices: [4089 1696 4322 4854 1485 4479 1594 5223 1287  408]
selected outputs: [[600000.]
 [358000.]
 [414950.]
 [571500.]
 [860000.]
 [770000.]
 [885000.]
 [500012.]
 [731100.]
 [776500.]]
Predicted value: 646706.2


query set: [ 0.01345102  0.01163464  0.01355605  0.00806256  0.00054384  0.
  0.         0.0116321   0.01390535  0.00930069  0.          0.01369411
  0.         0.01349774 -0.01346262  0.00925214  0.0005626 ]
distances: [0.00820544 0.06802846 0.01394458 … 0.01026148 0.01368163
0.00229621]
sorted indices: [4939 2133 5208 … 1107 5226 2486]
selected indices: [4939 2133 5208 5211 5500 4409 5198 5048 5136 3762]
selected outputs: [[360000.]
 [510000.]
 [467000.]
 [529950.]
 [440000.]
 [430000.]
 [439000.]
 [543000.]
 [524000.]
 [513000.]]
Predicted value: 475595.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01150942  0.00461939  0.
  0.         0.0116321   0.01216718  0.00777351  0.02046748  0.01339389
  0.06674206  0.01351097 -0.01346284  0.01112314  0.00583208]
distances: [0.07028984 0.01387156 0.07081662 … 0.07067523 0.07119974
0.07040766]
```

```
sorted indices: [ 663 3826 1397 … 1107 5226 2486]
selected indices: [ 663 3826 1397  408 1118 1287 3245 4974 3064  996]
selected outputs: [[385000.]
 [645000.]
 [530000.]
 [776500.]
 [468000.]
 [731100.]
 [538000.]
 [872500.]
 [501000.]
 [515000.]]
Predicted value: 596210.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01317918  0.00375613  0.
  0.          0.01550947  0.01390535  0.01520306  0.          0.01342119
  0.          0.01339544 -0.0134592   0.0131163   0.00365063]
distances: [0.01426994 0.06762613 0.01831651 … 0.00636925 0.0065344  0.0101123
]
sorted indices: [ 904  959 1653 … 1107 5226 2486]
selected indices: [ 904  959 1653 1236 1361 2782 1975 1506 4124 3911]
selected outputs: [[ 322500.]
 [ 586000.]
 [ 355000.]
 [ 593450.]
 [ 520000.]
 [ 305000.]
 [ 615000.]
 [ 320000.]
 [1058000.]
 [ 660000.]]
Predicted value: 533495.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01431223  0.00402772  0.
  0.          0.0116321   0.01564352  0.01651011  0.          0.01353036
  0.          0.01347093 -0.01343246  0.01890291  0.00492835]
distances: [0.01829879 0.06794739 0.01869924 … 0.00590277 0.00584245
0.01341778]
sorted indices: [2248 4953 2474 … 1107 5226 2486]
selected indices: [2248 4953 2474 3716 3892 4495 4363 3052 4671 2565]
selected outputs: [[650000.]
 [660000.]
 [435000.]
 [609000.]
 [425000.]
 [746000.]
 [399950.]
 [522500.]
```

```
 [330000.]
 [430000.]]
Predicted value: 520745.0


query set: [ 0.01345102  0.01163464  0.00602491  0.01139015  0.00279623  0.
  0.          0.0116321   0.01216718  0.00742955  0.02123501  0.01333248
  0.          0.01343475 -0.01346097  0.00938716  0.00362791]
distances: [0.02176455 0.06837763 0.02420138 … 0.02524318 0.02683007
0.02378447]
sorted indices: [2865 3172    6 … 1107 5226 2486]
selected indices: [2865 3172    6 2522 3142 3372 4832 3803 3364  382]
selected outputs: [[450000.]
 [234550.]
 [229500.]
 [210500.]
 [430000.]
 [350000.]
 [399950.]
 [730000.]
 [270000.]
 [249000.]]
Predicted value: 355350.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01628017  0.00160518  0.
  0.          0.01938684  0.01216718  0.01004365  0.03249212  0.01333931
  0.          0.01345752 -0.0134712   0.01292342  0.00202813]
distances: [0.0359924  0.07088457 0.03768164 … 0.03431911 0.03458561
0.03465336]
sorted indices: [2563 2289 3993 … 1107 5226 2486]
selected indices: [2563 2289 3993 1575 3643 1049 4539 3901  559 3124]
selected outputs: [[ 552625.]
 [1099500.]
 [ 656500.]
 [ 313100.]
 [ 405000.]
 [1045000.]
 [ 886000.]
 [ 861000.]
 [ 760000.]
 [ 710000.]]
Predicted value: 728872.5


query set: [ 0.01345102  0.01551285  0.01204982  0.00763319  0.00242703  0.
  0.          0.01938684  0.01042901  0.00880539  0.          0.0133666
  0.          0.01341954 -0.01344721  0.00803695  0.00311926]
distances: [0.01080383 0.06865295 0.01637561 … 0.01489052 0.01706943
0.01074361]
sorted indices: [2444  863 2301 … 1107 5226 2486]
```

```
selected indices: [2444  863 2301 4187 2347 2424 4917 1573  256  597]
selected outputs: [[265000.]
 [425000.]
 [415000.]
 [360000.]
 [304000.]
 [272000.]
 [512500.]
 [287000.]
 [530000.]
 [230000.]]
Predicted value: 360050.0


query set: [ 0.01345102  0.00775643  0.01355605  0.01759212  0.00500592  0.
  0.          0.01550947  0.01390535  0.01073157  0.03556224  0.01325061
  0.0663412   0.01346787 -0.01345392  0.01324489  0.00805369]
distances: [0.07706308 0.0271073  0.07741012 … 0.07605075 0.07646183 0.076542
]
sorted indices: [4239 4746 3845 … 1107 5226 2486]
selected indices: [4239 4746 3845 3836 2625 4958 5223 1594 4322 4874]
selected outputs: [[420000.]
 [476000.]
 [270000.]
 [397950.]
 [312500.]
 [950000.]
 [500012.]
 [885000.]
 [414950.]
 [718500.]]
Predicted value: 534491.2


query set: [ 0.01345102  0.01163464  0.01355605  0.01156906  0.00266845  0.
  0.01700788  0.01550947  0.01216718  0.00839264  0.01842073  0.01339389
  0.          0.01342112 -0.01346603  0.01324489  0.00385466]
distances: [0.02730507 0.06969834 0.02820214 … 0.02664579 0.02786326
0.02621041]
sorted indices: [4028  358 2388 … 1107 5226 2486]
selected indices: [4028  358 2388 3147 2476 4177  858 1089  751 3027]
selected outputs: [[ 710000.]
 [ 815000.]
 [ 323000.]
 [ 305000.]
 [ 514000.]
 [ 735000.]
 [1100000.]
 [ 659950.]
 [ 650000.]
```

```
 [ 688888.]]
Predicted value: 650083.8


query set: [ 0.01345102  0.01551285  0.01506227  0.01121125  0.00255705  0.
  0.          0.0116321   0.01216718  0.01293292  0.          0.01364635
  0.          0.01339527 -0.01343367  0.01009441  0.00307626]
distances: [0.01186506 0.06758008 0.01738785 … 0.00721812 0.00917303
0.00625946]
sorted indices: [1808 2829 5177 … 1107 5226 2486]
selected indices: [1808 2829 5177 2454 1513  109 3874  833  156  618]
selected outputs: [[250000.]
 [339500.]
 [216000.]
 [175000.]
 [315000.]
 [322500.]
 [295000.]
 [295000.]
 [338900.]
 [322500.]]
Predicted value: 286940.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01192686  0.00322674  0.
  0.          0.0116321   0.01216718  0.01375842  0.          0.01362588
  0.          0.01339479 -0.0134307   0.01285912  0.00271201]
distances: [0.01314199 0.06755257 0.01709386 … 0.00541971 0.00688734
0.00762432]
sorted indices: [ 685 2308 3325 … 1107 5226 2486]
selected indices: [ 685 2308 3325 4081  618 2681 3874 2739  467  833]
selected outputs: [[369990.]
 [450000.]
 [260000.]
 [278000.]
 [322500.]
 [400000.]
 [295000.]
 [545000.]
 [279000.]
 [295000.]]
Predicted value: 349449.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00870661  0.0008379   0.
  0.          0.0116321   0.01390535  0.01004365  0.          0.01355765
  0.          0.0134864  -0.01346592  0.00848702  0.00121688]
distances: [0.00692775 0.06791545 0.01392453 … 0.01014351 0.01351062
0.00345222]
sorted indices: [5027 5124   44 … 1107 5226 2486]
selected indices: [5027 5124   44 5198 1019 2199 2755 5394 4409 5208]
```

```
selected outputs: [[413800.]
 [429900.]
 [532170.]
 [439000.]
 [267000.]
 [402000.]
 [436000.]
 [279800.]
 [430000.]
 [467000.]]
Predicted value: 409667.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00494965  0.00128415  0.
  0.          0.01550947  0.01042901  0.00570974  0.          0.01328472
  0.          0.01348767 -0.01346988  0.00912998  0.0016225 ]
distances: [0.00665193 0.06940322 0.00957237 … 0.01806822 0.02172832
0.01292269]
sorted indices: [4747 2093 4868 … 1107 5226 2486]
selected indices: [4747 2093 4868 2623  265  512 4772 1514 4264 4251]
selected outputs: [[325000.]
 [342888.]
 [365000.]
 [338000.]
 [315000.]
 [409000.]
 [464050.]
 [295000.]
 [345000.]
 [422000.]]
Predicted value: 362093.8


query set: [ 0.01345102  0.01939106  0.00602491  0.01329845  0.00539341  0.
  0.05102365  0.01550947  0.01216718  0.01169466  0.0135597   0.01312097
  0.          0.01343823 -0.01347142  0.0175527   0.0074635 ]
distances: [0.05508138 0.08519107 0.05549592 … 0.05487382 0.05463797
0.05566044]
sorted indices: [4814 2455  201 … 1107 5226 2486]
selected indices: [4814 2455  201 2139 3776 3663 4748 2458 3552 2687]
selected outputs: [[1298888.]
 [1300000.]
 [ 501000.]
 [ 871000.]
 [ 345000.]
 [ 361000.]
 [ 688000.]
 [ 675000.]
 [ 790000.]
 [ 901000.]]
```

Predicted value: 773088.8

query set: [0.01345102 0.01939106 0.01355605 0.01300028 0.00192622 0.
  0.   0.01550947 0.01390535 0.00983727 0.01918826 0.01341436
  0.   0.01346861 -0.01344369 0.01388785 0.0035695]
distances: [0.02389756 0.06798965 0.02633366 … 0.02194245 0.02169389
0.02210966]
sorted indices: [1740 1662 1307 … 1107 5226 2486]
selected indices: [1740 1662 1307 1586 1646 482 133 4019 617 2352]
selected outputs: [[509500.]
 [330000.]
 [377691.]
 [480000.]
 [417500.]
 [655000.]
 [295000.]
 [330000.]
 [280000.]
 [279950.]]
Predicted value: 395464.1

query set: [0.01345102 0.01551285 0.02108718 0.01630402 0.06748216 0.
  0.   0.01938684 0.01390535 0.01880776 0.   0.01346895
  0.   0.01339556 -0.01348342 0.0145951   0.07597683]
distances: [0.10140423 0.11937187 0.10052143 … 0.09935365 0.09904413
0.10217214]
sorted indices: [4483 3765 1452 … 1107 5226 2486]
selected indices: [4483 3765 1452 1259 3965 3959 2664 1488 4934   74]
selected outputs: [[1650000.]
 [410000.]
 [400000.]
 [559000.]
 [506000.]
 [687000.]
 [774950.]
 [900000.]
 [365000.]
 [800000.]]
Predicted value: 705195.0

query set: [0.01345102 0.01551285 0.0165685   0.01794993 0.00109152 0.
  0.03401577 0.0116321   0.01564352 0.01540943 0.01969995 0.01312097
  0.06710951 0.01346598 -0.0134592   0.01247335 0.00206058]
distances: [0.07984305 0.03599417 0.08098874 … 0.07806431 0.07796481
0.07861839]
sorted indices: [1793 778 1643 … 1107 5226 2486]
selected indices: [1793 778 1643 4484 1196 3054 4667 3485 3000 4398]
selected outputs: [[765000.]

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```
[ 950000.]
[1289000.]
[ 970000.]
[1490000.]
[1210000.]
[ 968060.]
[ 459950.]
[1400000.]
[1205000.]]
Predicted value: 1070701.0


query set: [ 0.01345102  0.00775643  0.01054359  0.01037637  0.00152043  0.
  0.03401577  0.01550947  0.01216718  0.00715438  0.01790904  0.01301179
  0.          0.01346179 -0.01345953  0.01298771  0.00170971]
distances: [0.03949718 0.07596428 0.03973375 … 0.04020404 0.04150153
0.03946145]
sorted indices: [2660 2287 2337 … 1107 5226 2486]
selected indices: [2660 2287 2337 1841 1491 4573  579 1304 3921 3671]
selected outputs: [[650000.]
 [540000.]
 [304000.]
 [353000.]
 [605000.]
 [590000.]
 [340000.]
 [650000.]
 [453500.]
 [573300.]]
Predicted value: 505880.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01347735  0.00311502  0.
  0.          0.00775473  0.01390535  0.01141949  0.01535061  0.01349624
  0.          0.01347955 -0.01344391  0.01536665  0.00342956]
distances: [0.0197517  0.06729375 0.02155016 … 0.01753236 0.01773835 0.0187621
]
sorted indices: [3989 2844 1547 … 1107 5226 2486]
selected indices: [3989 2844 1547 2044 2772 3224 2619  188 2987  721]
selected outputs: [[725000.]
 [459950.]
 [555000.]
 [278100.]
 [435000.]
 [561500.]
 [562000.]
 [480000.]
 [629000.]
 [450000.]]
Predicted value: 513555.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.01282138  0.00128415  0.
  0.          0.0116321   0.01216718  0.0147903   0.          0.01371458
  0.          0.01339564 -0.01342993  0.01035159  0.0016225 ]
distances: [0.01336366 0.06749352 0.01898295 … 0.00616472 0.0076657
0.00721577]
sorted indices: [5292  770 4245 … 1107 5226 2486]
selected indices: [5292  770 4245 4059 3800 5114 1900 3325 5268 2020]
selected outputs: [[440000.]
 [445000.]
 [772000.]
 [652600.]
 [220000.]
 [689500.]
 [255000.]
 [260000.]
 [392000.]
 [340000.]]
Predicted value: 446610.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00554599  0.00248482  0.
  0.          0.00387737  0.00869084  0.00639767  0.          0.01318237
  0.          0.01342268 -0.01346361  0.01041589  0.00348189]
distances: [0.00987796 0.06957632 0.01076462 … 0.01877272 0.02224943
0.01507426]
sorted indices: [4222 3257 2155 … 1107 5226 2486]
selected indices: [4222 3257 2155 1150 1347 4040 4109 4991 3647 2456]
selected outputs: [[338500.]
 [370000.]
 [140000.]
 [100000.]
 [ 99000.]
 [235000.]
 [ 81000.]
 [246500.]
 [165000.]
 [275000.]]
Predicted value: 205000.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01109198  0.00385244  0.
  0.          0.01550947  0.01216718  0.01279533  0.          0.01348259
  0.          0.01337548 -0.01344886  0.01166965  0.00389562]
distances: [0.01123201 0.06759616 0.01493499 … 0.00704483 0.01034132 0.0074652
]
sorted indices: [3379 3884 1282 … 1107 5226 2486]
selected indices: [3379 3884 1282  997 1661 4362  294 4506 4475 1610]
selected outputs: [[280000.]
 [334000.]
```

```
 [460000.]
 [675000.]
 [254000.]
 [250000.]
 [550000.]
 [295000.]
 [316000.]
 [306500.]]
Predicted value: 372050.0


query set: [ 0.01345102  0.01939106  0.01506227  0.02665654  0.01127608  0.
  0.          0.0116321   0.01911985  0.03075007  0.          0.01353718
  0.          0.01350091 -0.01343719  0.02603972  0.01383912]
distances: [0.04017288 0.07377901 0.04095467 … 0.02902296 0.02561773 0.0368834
]
sorted indices: [3039 2978 1859 … 1107 5226 2486]
selected indices: [3039 2978 1859 2763  924 4522  567 3721  225 2477]
selected outputs: [[1600000.]
 [1300000.]
 [ 879000.]
 [ 950000.]
 [ 775000.]
 [1320000.]
 [1680000.]
 [ 835000.]
 [1100000.]
 [1093000.]]
Predicted value: 1153200.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01115162  0.00401295  0.
  0.01700788  0.01938684  0.01042901  0.00708559  0.02149085  0.01325743
  0.          0.01343679 -0.01344963  0.01324489  0.00573594]
distances: [0.03009772 0.07085906 0.03102921 … 0.03091742 0.03167187
0.03043255]
sorted indices: [2422 3147 4727 … 1107 5226 2486]
selected indices: [2422 3147 4727 4028  358 2388 3162 4177 4835  858]
selected outputs: [[ 355000.]
 [ 305000.]
 [ 648360.]
 [ 710000.]
 [ 815000.]
 [ 323000.]
 [ 560000.]
 [ 735000.]
 [1150000.]
 [1100000.]]
Predicted value: 670136.0
```

```
query set: [ 0.01345102  0.01939106  0.0165685   0.0142526   0.00201675  0.
  0.          0.01550947  0.01216718  0.00887418  0.02814278  0.01341436
  0.          0.01343789 -0.01345689  0.01086596  0.00211006]
distances: [0.03218949 0.06976557 0.0347766  … 0.03053751 0.03061609
0.03012733]
sorted indices: [4866 1783 1402 … 1107 5226 2486]
selected indices: [4866 1783 1402 2644 1222  123 2068 2161 4170  961]
selected outputs: [[299000.]
 [292000.]
 [650000.]
 [268450.]
 [475000.]
 [475000.]
 [440000.]
 [380000.]
 [427000.]
 [430000.]]
Predicted value: 413645.0

query set: [ 0.01345102  0.01551285  0.01506227  0.02194543  0.00428616  0.
  0.03401577  0.01938684  0.01564352  0.0253155   0.          0.0132779
  0.06620759  0.01346632 -0.0134515   0.0219248   0.00474581]
distances: [0.08010471 0.04039804 0.08058904 … 0.07648225 0.07586819
0.07861697]
sorted indices: [3869 4484  911 … 1107 5226 2486]
selected indices: [3869 4484  911  312 4603  869  778  999  998 1196]
selected outputs: [[ 699000.]
 [ 970000.]
 [ 525000.]
 [1750000.]
 [1250000.]
 [1230000.]
 [ 950000.]
 [ 550000.]
 [ 550000.]
 [1490000.]]
Predicted value: 996400.0

query set: [ 0.01345102  0.01551285  0.01506227  0.02683544  0.01130048  0.
  0.          0.0116321   0.02259619  0.03095645  0.          0.01356447
  0.          0.01344717 -0.01344181  0.03060471  0.014278  ]
distances: [0.04285229 0.07509163 0.04244839 … 0.03150633 0.02843493
0.03948918]
sorted indices: [3039 4522 2978 … 1107 5226 2486]
selected indices: [3039 4522 2978 2942  567 1859  197 2763 3733  924]
selected outputs: [[1600000.]
 [1320000.]
 [1300000.]
```

```
 [1209000.]
 [1680000.]
 [ 879000.]
 [1578000.]
 [ 950000.]
 [1475000.]
 [ 775000.]]
Predicted value: 1276600.0


query set: [ 0.01345102  0.01551285  0.01506227  0.02391336  0.01190274  0.
  0.          0.01550947  0.02085802  0.02758564  0.          0.01357812
  0.          0.01349417 -0.01343961  0.02751852  0.01432911]
distances: [0.03814667 0.07324716 0.03787284 … 0.02725837 0.0243923
0.03495944]
sorted indices: [1859 2978 2763 … 1107 5226 2486]
selected indices: [1859 2978 2763  924 3039  225 1260 1192 4522 1103]
selected outputs: [[ 879000.]
 [1300000.]
 [ 950000.]
 [ 775000.]
 [1600000.]
 [1100000.]
 [ 895000.]
 [ 925000.]
 [1320000.]
 [ 864500.]]
Predicted value: 1060850.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01401406  0.00128415  0.
  0.          0.0116321   0.01564352  0.01616615  0.          0.01359859
  0.          0.01346946 -0.01346053  0.01183039  0.0016225 ]
distances: [0.01668878 0.06789786 0.02213037 … 0.00849123 0.00613743
0.01117006]
sorted indices: [5337  901 2295 … 1107 5226 2486]
selected indices: [5337  901 2295 1263 4992  916  665 1241 1875 4831]
selected outputs: [[270500.]
 [502500.]
 [259875.]
 [572000.]
 [349900.]
 [335000.]
 [337500.]
 [487275.]
 [597000.]
 [497000.]]
Predicted value: 420855.0


query set: [ 0.01345102  0.01939106  0.01958096  0.01961969  0.0020617   0.
```

```
 0.          0.0116321    0.01564352  0.0226326    0.          0.01372823
 0.          0.01346007 -0.01343466   0.02063889   0.00279516]
distances: [0.0277499   0.06935608 0.02973962 … 0.01437604 0.01021885
0.02155641]
sorted indices: [4767 4808 2070 … 1107 5226 2486]
selected indices: [4767 4808 2070 5319 2479 5381 5379 5200 5443 4163]
selected outputs: [[ 825000.]
 [ 919950.]
 [ 544800.]
 [1105000.]
 [ 475000.]
 [ 769995.]
 [ 699188.]
 [ 600000.]
 [ 831548.]
 [ 341950.]]
Predicted value: 711243.1


query set: [ 0.01345102   0.01163464   0.01054359   0.010436     0.00364055  0.
  0.01700788   0.01550947   0.01216718   0.00894297   0.01151296   0.01355765
  0.          0.01346476 -0.01343433   0.01485228   0.00459979]
distances: [0.02274012 0.06941201 0.02306117 … 0.02287269 0.02419377
0.02272296]
sorted indices: [ 186  751 2476 … 1107 5226 2486]
selected indices: [ 186  751 2476 2388 4177 4442 1006  977  877 1877]
selected outputs: [[373000.]
 [650000.]
 [514000.]
 [323000.]
 [735000.]
 [565000.]
 [750000.]
 [790000.]
 [569000.]
 [245000.]]
Predicted value: 551400.0


query set: [ 0.01345102   0.01163464   0.01506227   0.01013783   0.00128415  0.
  0.          0.0116321    0.01216718   0.01169466   0.          0.01366682
  0.          0.01344293 -0.01341375   0.01093025   0.00179165]
distances: [0.01049208 0.06760651 0.01485135 … 0.00662641 0.01055971
0.00297618]
sorted indices: [3392 2913 3323 … 1107 5226 2486]
selected indices: [3392 2913 3323 4656 2780 2789 4117 3390 2635 1949]
selected outputs: [[452000.]
 [394000.]
 [256900.]
 [255950.]
```

```
 [449000.]
 [442500.]
 [485000.]
 [461000.]
 [500000.]
 [295000.]]
Predicted value: 399135.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01288101  0.03160442  0.
  0.         0.0116321   0.01390535  0.0148591   0.          0.01349624
  0.         0.01339126 -0.01344578  0.01288484  0.01802233]
distances: [0.03544326 0.07503519 0.03539543 … 0.03406548 0.03440003
0.03663053]
sorted indices: [  27 1292  615 … 1107 5226 2486]
selected indices: [  27 1292  615 1896 1810 3454 3817  360 4561 4291]
selected outputs: [[699950.]
 [350000.]
 [592000.]
 [358000.]
 [390000.]
 [390000.]
 [439000.]
 [330000.]
 [462500.]
 [524000.]]
Predicted value: 453545.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01543336  0.00183055  0.
  0.         0.0116321   0.01390535  0.0178034   0.          0.01370094
  0.         0.01338993 -0.01344457  0.01545023  0.00231328]
distances: [0.01720057 0.06755504 0.01974832 … 0.0030201   0.00436375
0.01137293]
sorted indices: [4535 5174 4970 … 1107 5226 2486]
selected indices: [4535 5174 4970 4651 1865 5047  371 2028 1209 1674]
selected outputs: [[539900.]
 [577000.]
 [523000.]
 [450000.]
 [425000.]
 [400000.]
 [470000.]
 [635000.]
 [717000.]
 [366000.]]
Predicted value: 510290.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01347735  0.00362932  0.
  0.         0.0116321   0.01216718  0.00777351  0.02891031  0.01355083
```

```
   0.          0.01342078 -0.0134504   0.01337348  0.00415685]
distances: [0.03071093 0.06955719 0.03151642 … 0.0302936   0.03130011
0.03016942]
sorted indices: [1431 2293 1679 … 1107 5226 2486]
selected indices: [1431 2293 1679 2324 2075  527 2508 4293 2963  516]
selected outputs: [[420000.]
 [603500.]
 [425000.]
 [575000.]
 [345000.]
 [875000.]
 [475000.]
 [507500.]
 [440000.]
 [555000.]]
Predicted value: 522100.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01031674  0.00481651  0.
  0.          0.0116321   0.01216718  0.00791109  0.01483892  0.01350989
  0.          0.01348807 -0.01341914  0.01221616  0.00628029]
distances: [0.01700981 0.06742515 0.01837997 … 0.01854552 0.02043861
0.01759408]
sorted indices: [3982  239  849 … 1107 5226 2486]
selected indices: [3982  239  849 2670 4182 4548 4547 2572 3642 2258]
selected outputs: [[925000.]
 [512000.]
 [415000.]
 [617450.]
 [314500.]
 [515000.]
 [480000.]
 [255000.]
 [412500.]
 [287000.]]
Predicted value: 473345.0


query set: [ 0.01345102  0.01939106  0.01054359  0.01389479  0.00158817  0.
  0.          0.01550947  0.01390535  0.00949331  0.02430513  0.01333931
  0.          0.01344364 -0.01347109  0.01363067  0.00227353]
distances: [0.02763154 0.06891367 0.02993875 … 0.02692668 0.02672011
0.02699941]
sorted indices: [3131 3889 3451 … 1107 5226 2486]
selected indices: [3131 3889 3451 1144 1307  841 2280 4199 4640 4775]
selected outputs: [[823000.]
 [497500.]
 [780000.]
 [250000.]
 [377691.]
```

```
 [555000.]
 [400000.]
 [379000.]
 [791000.]
 [534000.]]
Predicted value: 538719.1


query set: [ 0.01345102  0.01163464  0.01506227  0.01538565  0.00148832  0.
  0.          0.0116321   0.01564352  0.01774836  0.          0.01368729
  0.          0.01346765 -0.0134307   0.01594531  0.00182531]
distances: [0.01761778 0.06766572 0.02007816 … 0.00362542 0.00399864
0.01159534]
sorted indices: [5455 1865 1209 … 1107 5226 2486]
selected indices: [5455 1865 1209 3439 5174  166 4535 4311 5440  128]
selected outputs: [[680000.]
 [425000.]
 [717000.]
 [530000.]
 [577000.]
 [695000.]
 [539900.]
 [645000.]
 [773000.]
 [551000.]]
Predicted value: 613290.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01759212  0.00257985  0.
  0.          0.0116321   0.01390535  0.01341446  0.02558435  0.01339389
  0.          0.013497   -0.0134624   0.01324489  0.0029205 ]
distances: [0.02960049 0.0683754  0.031494   … 0.02609635 0.0265774  0.027547
]
sorted indices: [5049 3069 2803 … 1107 5226 2486]
selected indices: [5049 3069 2803 2292 2299 2791 3916   53 3841 1066]
selected outputs: [[ 495000.]
 [1100000.]
 [ 757000.]
 [ 552500.]
 [ 479950.]
 [ 665000.]
 [ 305000.]
 [ 835000.]
 [ 635000.]
 [ 261500.]]
Predicted value: 608595.0


query set: [ 0.01345102  0.01551285  0.02108718  0.02820703  0.01536801
0.15811388
  0.06803154  0.0116321   0.01738169  0.02022488  0.04579598  0.01333248
```

```
   0.         0.01348931 -0.01345172  0.02089607  0.02001598]
distances: [0.18231321 0.19017403 0.18243168 … 0.18045207 0.18016218
0.18158009]
sorted indices: [ 178 3755 4273 … 1107 5226 2486]
selected indices: [ 178 3755 4273 4032 1458 2323 2921 1439 2875  313]
selected outputs: [[3070000.]
 [1612500.]
 [2574000.]
 [1600000.]
 [1850000.]
 [ 650000.]
 [2750000.]
 [1600000.]
 [3000000.]
 [5110800.]]
Predicted value: 2381730.0


query set: [ 0.01345102  0.01551285  0.0165685   0.0142526   0.00224051  0.
  0.         0.0116321   0.01390535  0.01644131  0.         0.01359859
  0.         0.01345356 -0.01342751  0.01343778  0.00256396]
distances: [0.01655779 0.06756956 0.02046846 … 0.00448542 0.0038032  0.0099461
]
sorted indices: [5103 2366 4713 … 1107 5226 2486]
selected indices: [5103 2366 4713 1733 1535 4551 1512 2863 3242  192]
selected outputs: [[395000.]
 [379000.]
 [305000.]
 [470101.]
 [321000.]
 [335000.]
 [325900.]
 [425000.]
 [570000.]
 [390000.]]
Predicted value: 391600.1


query set: [ 0.01345102  0.00775643  0.00602491  0.00614233  0.00155414  0.
  0.         0.0116321   0.01216718  0.00632887  0.00281428  0.01323014
  0.         0.01348628 -0.01346548  0.00983723  0.00200541]
distances: [0.00534941 0.06863883 0.00879178 … 0.01647932 0.02007632
0.01173642]
sorted indices: [1147 1972 3375 … 1107 5226 2486]
selected indices: [1147 1972 3375 5195 2367 3795 1945 4084 3752 4948]
selected outputs: [[325000.]
 [440000.]
 [305000.]
 [235000.]
 [412133.]
```

```
 [337000.]
 [345000.]
 [370000.]
 [420000.]
 [874950.]]
Predicted value: 406408.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01830773  0.00264855  0.
  0.         0.01938684  0.01390535  0.01444634  0.02481682  0.01335978
  0.         0.01346012 -0.01344688  0.0145951   0.0035695 ]
distances: [0.03131961 0.06884647 0.03332529 … 0.02678774 0.0265075
0.02876623]
sorted indices: [2941 1530 1038 … 1107 5226 2486]
selected indices: [2941 1530 1038 2030 3510 2198  211 3705 1049 2850]
selected outputs: [[ 880000.]
 [1325000.]
 [1210000.]
 [ 590000.]
 [ 760000.]
 [ 975000.]
 [ 760000.]
 [1045000.]
 [1045000.]
 [ 877500.]]
Predicted value: 946750.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01133052  0.00160518  0.
  0.         0.01550947  0.01216718  0.00653525  0.02430513  0.01313461
  0.         0.01345283 -0.0134679   0.00912998  0.00202813]
distances: [0.02544702 0.06882273 0.02766197 … 0.02732781 0.02888434
0.02558084]
sorted indices: [1876 3897 1564 … 1107 5226 2486]
selected indices: [1876 3897 1564 3786   90 4354 4261 1724  260  376]
selected outputs: [[520500.]
 [547500.]
 [450000.]
 [667500.]
 [725000.]
 [655000.]
 [605000.]
 [580000.]
 [645000.]
 [652000.]]
Predicted value: 604750.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00775246  0.00365981  0.
  0.         0.0116321   0.01216718  0.00894297  0.          0.01338025
  0.         0.0133901  -0.01346086  0.0087442   0.00395484]
```

```
distances: [0.00473581 0.06855686 0.01017274 … 0.01477312 0.01839329
0.01129047]
sorted indices: [ 747 1960 2426 … 1107 5226 2486]
selected indices: [ 747 1960 2426 1574 4967 3926 2165 1660 2356 2512]
selected outputs: [[296000.]
 [324950.]
 [390000.]
 [337500.]
 [215000.]
 [320000.]
 [225000.]
 [327000.]
 [425000.]
 [204950.]]
Predicted value: 306540.0


query set: [ 0.01345102  0.01163464  0.01204982  0.0098993   0.0026585   0.
  0.          0.0116321   0.01216718  0.01141949  0.          0.01329837
  0.          0.01344974 -0.01346999  0.01067307  0.00306612]
distances: [0.00780671 0.06761843 0.01291608 … 0.00773211 0.01136611
0.00506517]
sorted indices: [1559 2856 1797 … 1107 5226 2486]
selected indices: [1559 2856 1797 1075 1423  972  111 3604 4367 5286]
selected outputs: [[260000.]
 [290000.]
 [528000.]
 [167000.]
 [265000.]
 [203000.]
 [278500.]
 [275000.]
 [305000.]
 [256703.]]
Predicted value: 282820.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01472968  0.00122347  0.
  0.          0.0116321   0.01390535  0.01699165  0.          0.01363953
  0.          0.01344392 -0.01341441  0.01543094  0.0017304 ]
distances: [0.01687812 0.06765394 0.02010525 … 0.00444018 0.0022017
0.01102582]
sorted indices: [ 525 5237 5019 … 1107 5226 2486]
selected indices: [ 525 5237 5019   23 5466 4466 5433 2530 5322   96]
selected outputs: [[352000.]
 [399000.]
 [669000.]
 [360000.]
 [685000.]
 [490000.]
```

```
 [400000.]
 [605000.]
 [386000.]
 [552250.]]
Predicted value: 489825.0


query set: [ 0.01345102  0.02714749  0.01807473  0.03190436  0.00462292  0.
  0.          0.01550947  0.01738169  0.03453364  0.00844284  0.01303226
  0.          0.0134703  -0.01345931  0.01961016  0.00302961]
distances: [0.04410182 0.07396551 0.04757312 … 0.03282559 0.02888007
0.03954022]
sorted indices: [ 939 5154 5178 … 1107 5226 2486]
selected indices: [ 939 5154 5178 4517 2159 5416 5046 5084 4122 5508]
selected outputs: [[2453500.]
 [ 995000.]
 [ 919990.]
 [ 635000.]
 [ 945000.]
 [1025000.]
 [1450000.]
 [ 995500.]
 [2328000.]
 [1375000.]]
Predicted value: 1312199.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00721575  0.00401295  0.
  0.          0.0116321   0.01216718  0.00832385  0.          0.01338707
  0.          0.01343453 -0.01346658  0.00777977  0.00507031]
distances: [0.00473358 0.06836778 0.01188989 … 0.01383902 0.0169694
0.00923822]
sorted indices: [2954 4716 2132 … 1107 5226 2486]
selected indices: [2954 4716 2132 2005  918 1245 3025 1734  895  831]
selected outputs: [[252000.]
 [300000.]
 [403000.]
 [329000.]
 [225000.]
 [395000.]
 [205000.]
 [280000.]
 [200000.]
 [180000.]]
Predicted value: 276900.0


query set: [ 0.01345102  0.01551285  0.01958096  0.026418    0.00674176  0.
  0.          0.0116321   0.01738169  0.0304749   0.          0.01331884
  0.0670427   0.01347322 -0.01345403  0.02526817  0.0081125 ]
distances: [0.0770174   0.02829064 0.07741939 … 0.07142243 0.07041425 0.0746629
```

]
sorted indices: [4278 795 4646 … 1107 5226 2486]
selected indices: [4278 795 4646 2968 4698 3980 1524 288 1269   28]
selected outputs: [[2500000.]
 [1506000.]
 [825000.]
 [1185000.]
 [825000.]
 [500000.]
 [599000.]
 [675000.]
 [749000.]
 [1088000.]]
Predicted value: 1045200.0

query set: [0.01345102 0.01163464 0.00602491 0.00763319 0.00317762 0.
  0.   0.0116321   0.01216718 0.00880539 0.   0.01342801
  0.   0.01350939 -0.01344589 0.00829413 0.00390414]
distances: [0.00232487 0.06847964 0.01116312 … 0.01449662 0.01739463
0.01054016]
sorted indices: [769   79 676 … 1107 5226 2486]
selected indices: [769   79 676 562 1195 3676 3086 2595 1417 3281]
selected outputs: [[170000.]
 [255000.]
 [250000.]
 [467000.]
 [190000.]
 [414500.]
 [222000.]
 [325000.]
 [422000.]
 [305240.]]
Predicted value: 302074.0

query set: [0.01345102 0.01551285 0.01355605 0.01300028 0.00354938 0.
  0.   0.0116321   0.01390535 0.00942452 0.02072332 0.01339389
  0.   0.01346315 -0.01344919 0.01343778 0.003548]
distances: [0.02386114 0.0677898 0.02574495 … 0.0221684 0.02265037
0.02224494]
sorted indices: [38 1553 1959 … 1107 5226 2486]
selected indices: [38 1553 1959 4285 2952 4608 1482 648 3731 596]
selected outputs: [[260000.]
 [603000.]
 [340000.]
 [546800.]
 [490000.]
 [220000.]
 [440000.]

```
 [627000.]
 [470000.]
 [264900.]]
Predicted value: 426170.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00596343  0.0011278   0.
  0.06803154  0.01550947  0.00869084  0.00687921  0.          0.01305956
  0.          0.01346012 -0.01347087  0.01240905  0.00199568]
distances: [0.06847016 0.09701946 0.06842887 … 0.07004711 0.07099793
0.06928237]
sorted indices: [4701 5203 3861 … 1107 5226 2486]
selected indices: [4701 5203 3861  472 1714 3477  838 1132 4795 2981]
selected outputs: [[ 822500.]
 [ 580000.]
 [ 715000.]
 [ 550000.]
 [ 969000.]
 [ 360500.]
 [ 921000.]
 [1236000.]
 [ 490000.]
 [ 425000.]]
Predicted value: 706900.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01252321  0.00396095  0.
  0.          0.0116321   0.01564352  0.01444634  0.          0.01362588
  0.          0.01350189 -0.01344644  0.01491658  0.002538  ]
distances: [0.01443513 0.06760186 0.01668614 … 0.00321558 0.00595415 0.0085095
]
sorted indices: [4073 3611 2130 … 1107 5226 2486]
selected indices: [4073 3611 2130 5317 1873 1053 2656 2695 1687  388]
selected outputs: [[389950.]
 [756000.]
 [536000.]
 [374000.]
 [665000.]
 [606000.]
 [570000.]
 [640000.]
 [470000.]
 [621138.]]
Predicted value: 562808.8


query set: [ 0.01345102  0.01163464  0.01054359  0.01109198  0.01543414  0.
  0.          0.01550947  0.01390535  0.01279533  0.          0.0131619
  0.          0.01343512 -0.01347869  0.00906568  0.00935615]
distances: [0.01767632 0.06922394 0.02045637 … 0.01778122 0.01925996
0.01868075]
```

```
sorted indices: [4918 3850 2701 … 1107 5226 2486]
selected indices: [4918 3850 2701 2350 1611 3016 2548  320 2345  275]
selected outputs: [[229500.]
 [500000.]
 [362500.]
 [570000.]
 [239950.]
 [350000.]
 [285000.]
 [535000.]
 [299000.]
 [283000.]]
Predicted value: 365395.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01228467  0.00105942  0.
  0.          0.01550947  0.01564352  0.01031882  0.01432724  0.01308685
  0.          0.01347605 -0.01346317  0.01176609  0.00150568]
distances: [0.01721542 0.06716985 0.02019525 … 0.01681959 0.01828328
0.01609861]
sorted indices: [3107 4830 2054 … 1107 5226 2486]
selected indices: [3107 4830 2054 4230 2736 4618   77 3710 1673 1520]
selected outputs: [[710500.]
 [329000.]
 [850000.]
 [339000.]
 [585000.]
 [279950.]
 [260000.]
 [525000.]
 [301000.]
 [524950.]]
Predicted value: 470440.0


query set: [ 0.01345102  0.01551285  0.01054359  0.00930295  0.00231146  0.
  0.          0.0116321   0.01042901  0.00591612  0.01790904  0.01325743
  0.          0.01349027 -0.01345865  0.00912998  0.0029205 ]
distances: [0.0192383  0.06804358 0.02224164 … 0.02260461 0.02412781
0.01998453]
sorted indices: [2233  752  746 … 1107 5226 2486]
selected indices: [2233  752  746 4142 3694 1785 1713  530 4386 1391]
selected outputs: [[159075.]
 [220000.]
 [313000.]
 [180000.]
 [548000.]
 [424500.]
 [385000.]
 [399950.]
```

```
  [279000.]
  [355000.]]
Predicted value: 326352.5


query set: [ 0.01345102  0.01551285  0.01355605  0.01258284  0.00406207  0.
  0.          0.01550947  0.01390535  0.01451513  0.          0.0134553
  0.          0.01344386 -0.01345271  0.01510947  0.00445376]
distances: [0.0146087   0.06776245 0.01734039 … 0.00667304 0.00664133
0.01079489]
sorted indices: [2782   204   959 … 1107 5226 2486]
selected indices: [2782   204   959 1975 4124 3911   904 1653 1003 1361]
selected outputs: [[ 305000.]
 [ 365000.]
 [ 586000.]
 [ 615000.]
 [1058000.]
 [ 660000.]
 [ 322500.]
 [ 355000.]
 [ 375000.]
 [ 520000.]]
Predicted value: 516150.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01353699  0.00368293  0.
  0.          0.01550947  0.01216718  0.00942452  0.02302591  0.01334613
  0.          0.01349186 -0.01346911  0.0145951   0.00338291]
distances: [0.02549602 0.06826722 0.02625626 … 0.02473576 0.02577336
0.02511611]
sorted indices: [2573   357 2936 … 1107 5226 2486]
selected indices: [2573   357 2936   260 4199 1874 1030 1479   903   176]
selected outputs: [[510000.]
 [549000.]
 [319000.]
 [645000.]
 [379000.]
 [343000.]
 [359950.]
 [570000.]
 [419000.]
 [597500.]]
Predicted value: 469145.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00978003  0.00181386  0.
  0.          0.0116321   0.01216718  0.01128191  0.          0.01366682
  0.          0.01339793 -0.01344225  0.01446651  0.00222607]
distances: [0.00939066 0.06773859 0.01138019 … 0.00671     0.010172
0.00626496]
sorted indices: [5087   534 4647 … 1107 5226 2486]
```

```
selected indices: [5087   534 4647 3837 1090 3355 5202 2858 2180 2023]
selected outputs: [[210000.]
 [272500.]
 [343500.]
 [268000.]
 [366000.]
 [450000.]
 [342000.]
 [276000.]
 [510000.]
 [305000.]]
Predicted value: 334300.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00405513  0.00168544  0.
  0.          0.01550947  0.01042901  0.00467786  0.          0.01311414
  0.          0.01349061 -0.01346746  0.01041589  0.00221512]
distances: [0.00755873 0.0696521  0.00831687 … 0.01873964 0.02233105
0.01373769]
sorted indices: [2623 2093 4747 … 1107 5226 2486]
selected indices: [2623 2093 4747 2599 4264 3785 1788  150 4868 4559]
selected outputs: [[338000.]
 [342888.]
 [325000.]
 [268500.]
 [345000.]
 [195000.]
 [213000.]
 [261000.]
 [365000.]
 [360000.]]
Predicted value: 301338.8

query set: [ 0.01345102  0.00775643  0.00602491  0.00721575  0.00269671  0.
  0.          0.0116321   0.01390535  0.00536578  0.01100127  0.01364635
  0.          0.01347619 -0.0134712   0.01195898  0.00243375]
distances: [0.01260029 0.06824815 0.01310535 … 0.01925031 0.02210864
0.01616396]
sorted indices: [2237   355 3667 … 1107 5226 2486]
selected indices: [2237   355 3667 2067 3459 3460 1091 2349 4049 3828]
selected outputs: [[510000.]
 [345000.]
 [445434.]
 [370000.]
 [180000.]
 [310000.]
 [525000.]
 [190000.]
 [325000.]
```

```
   [320000.]]
Predicted value: 352043.4


query set: [ 0.01345102  0.01939106  0.01204982  0.01282138  0.00144466  0.
  0.         0.0116321   0.01390535  0.0147903   0.         0.01322331
  0.         0.01345014 -0.01347065  0.00835843  0.00182531]
distances: [0.01333808 0.06788602 0.02074038 … 0.01048267 0.01004507
0.01030356]
sorted indices: [ 292  725  560 … 1107 5226 2486]
selected indices: [ 292  725  560 1942  927 2694  600 5306 4195 1582]
selected outputs: [[ 631000.]
 [ 534000.]
 [ 488000.]
 [ 385000.]
 [1440000.]
 [ 302000.]
 [ 815000.]
 [ 260000.]
 [ 400000.]
 [ 380000.]]
Predicted value: 563500.0


query set: [ 0.01345102  0.02714749  0.02108718  0.01687651  0.00276894  0.
  0.         0.01550947  0.01390535  0.01258896  0.02558435  0.01335295
  0.         0.01350419 -0.01346702  0.01009441  0.00340725]
distances: [0.03551473 0.07059158 0.03928818 … 0.03145428 0.03015492
0.03201084]
sorted indices: [ 488 2068  517 … 1107 5226 2486]
selected indices: [ 488 2068  517 2339 3974  537   72 3928  660 3653]
selected outputs: [[1125000.]
 [ 440000.]
 [ 430000.]
 [ 583000.]
 [ 680000.]
 [ 370000.]
 [ 315000.]
 [ 320000.]
 [ 603500.]
 [ 999000.]]
Predicted value: 586550.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01932152  0.00252238  0.
  0.         0.0116321   0.01738169  0.02228864  0.         0.01360541
  0.         0.01345792 -0.01343213  0.01909579  0.003187  ]
distances: [0.02391254 0.06852404 0.0255729  … 0.01056559 0.00838573
0.01874776]
sorted indices: [4082 4231 1116 … 1107 5226 2486]
selected indices: [4082 4231 1116  524  246 2355 3805 5149 1328 5515]
```

```
selected outputs: [[814842.]
 [712000.]
 [500000.]
 [485000.]
 [860000.]
 [525000.]
 [898000.]
 [554950.]
 [485000.]
 [399950.]]
Predicted value: 623474.2

query set: [ 0.01345102  0.01939106  0.01355605  0.01162869  0.00257632  0.
  0.03401577  0.0116321   0.01216718  0.00791109  0.02046748  0.01337342
  0.         0.01346646 -0.01344049  0.01144462  0.00347215]
distances: [0.04152082 0.0762152  0.04317928 … 0.04142964 0.04159335 0.0408696
]
sorted indices: [2184 1619 3921 … 1107 5226 2486]
selected indices: [2184 1619 3921 4054 1067 1577 4051 2663  642 2206]
selected outputs: [[564000.]
 [690500.]
 [453500.]
 [620000.]
 [530000.]
 [510000.]
 [294950.]
 [415000.]
 [560000.]
 [571000.]]
Predicted value: 520895.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01246357  0.00134707  0.
  0.         0.0116321   0.01390535  0.01437755  0.          0.01368729
  0.         0.01350305 -0.01344908  0.01697404  0.00182653]
distances: [0.01545305 0.06780062 0.01744736 … 0.00488094 0.00443549
0.00971656]
sorted indices: [5390 5175 2307 … 1107 5226 2486]
selected indices: [5390 5175 2307 1351 3955 5417 4083 1504 1939 1165]
selected outputs: [[425000.]
 [349990.]
 [329800.]
 [319950.]
 [369950.]
 [385000.]
 [340000.]
 [325000.]
 [640000.]
 [325000.]]
```

Predicted value: 380969.0

query set: [0.01345102 0.01163464 0.01506227 0.01699578 0.00228899 0.
  0.   0.0116321   0.01738169 0.01368963 0.02200254 0.01350989
  0.   0.01346281 -0.01345975 0.0146594   0.00261993]
distances: [0.02756985 0.06789912 0.02937413 … 0.02263295 0.02284585
0.02447873]
sorted indices: [5227 2791 5108 … 1107 5226 2486]
selected indices: [5227 2791 5108 1286 1077 4011 1530 5434 3446 4474]
selected outputs: [[798800.]
 [665000.]
 [572800.]
 [607000.]
 [432500.]
 [277500.]
 [1325000.]
 [775000.]
 [635000.]
 [879000.]]
Predicted value: 696760.0

query set: [0.01345102 0.01551285 0.01506227 0.01556456 0.00168223 0.
  0.   0.0116321   0.01390535 0.01795474 0.   0.01367364
  0.   0.01338984 -0.01343257 0.01594531 0.00212548]
distances: [0.01797536 0.06771208 0.02099557 … 0.00514755 0.00198241
0.01237216]
sorted indices: [4166 5408   96 … 1107 5226 2486]
selected indices: [4166 5408   96 2966 5064 881 5225 3210 2725 5466]
selected outputs: [[570000.]
 [734990.]
 [552250.]
 [359900.]
 [385000.]
 [454200.]
 [731500.]
 [583000.]
 [340000.]
 [685000.]]
Predicted value: 539584.0

query set: [0.01345102 0.01551285 0.01054359 0.00864698 0.00271276 0.
  0.   0.0116321   0.01216718 0.00997486 0.   0.01337342
  0.   0.01344185 -0.01343103 0.00990152 0.00342753]
distances: [0.00672717 0.06798917 0.01340893 … 0.01088211 0.01299285
0.00725106]
sorted indices: [1581 2561 1769 … 1107 5226 2486]
selected indices: [1581 2561 1769 995 981 2272 3098 1487 2972 5017]
selected outputs: [[375000.]

```
 [249900.]
 [215000.]
 [239000.]
 [210000.]
 [290000.]
 [367400.]
 [254000.]
 [575000.]
 [263000.]]
Predicted value: 303830.0


query set: [ 0.01345102  0.00387821  0.00602491  0.0043533   0.00062345  0.
  0.         0.0116321   0.01216718  0.00502182  0.         0.01370094
  0.         0.01346024 -0.01346086  0.00655815  0.00088548]
distances: [0.00920357 0.06992844 0.01225998 … 0.02023434 0.02432812
0.01444992]
sorted indices: [3241 2218 2448 … 1107 5226 2486]
selected indices: [3241 2218 2448 3188  739  966 5372 4146 2544 3597]
selected outputs: [[395000.]
 [382888.]
 [264000.]
 [299000.]
 [295000.]
 [395000.]
 [370000.]
 [175000.]
 [497000.]
 [290000.]]
Predicted value: 336288.8


query set: [ 0.01345102  0.01163464  0.01054359  0.01240394  0.00408166  0.
  0.         0.01550947  0.01390535  0.01059398  0.01381555  0.01353718
  0.         0.01349183 -0.01344578  0.01337348  0.0049109 ]
distances: [0.01729058 0.06710689 0.01905359 … 0.0163198  0.01776149
0.01679066]
sorted indices: [2684 1395 1175 … 1107 5226 2486]
selected indices: [2684 1395 1175 2766 4345 4830 4675  913 4006 1832]
selected outputs: [[366000.]
 [260000.]
 [605000.]
 [615000.]
 [503000.]
 [329000.]
 [445000.]
 [830000.]
 [635000.]
 [508800.]]
Predicted value: 509680.0
```

```
query set: [ 0.01345102  0.01163464  0.00602491  0.00745429  0.00290056  0.
  0.          0.01550947  0.01216718  0.00859901  0.          0.01344165
  0.          0.01337005 -0.01346119  0.00867991  0.00422864]
distances: [0.0045157   0.06861679 0.01144019 … 0.01502993 0.01784174
0.01127698]
sorted indices: [2618 3532 3008 … 1107 5226 2486]
selected indices: [2618 3532 3008 4582 1474 4141 3177 4543 2409 4537]
selected outputs: [[405000.]
 [374000.]
 [215000.]
 [360000.]
 [350000.]
 [299000.]
 [445000.]
 [330000.]
 [201500.]
 [206000.]]
Predicted value: 318550.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01431223  0.00223923  0.
  0.          0.0116321   0.01564352  0.01651011  0.          0.01359859
  0.          0.0134433  -0.01344765  0.01697404  0.00453164]
distances: [0.01709547 0.06771568 0.0186305  … 0.00389504 0.00461578
0.01164427]
sorted indices: [4671 1486 3052 … 1107 5226 2486]
selected indices: [4671 1486 3052 2328 3439 4363 2248 4311 3324 1873]
selected outputs: [[330000.]
 [572500.]
 [522500.]
 [535000.]
 [530000.]
 [399950.]
 [650000.]
 [645000.]
 [570000.]
 [665000.]]
Predicted value: 541995.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01115162  0.00157115  0.
  0.          0.01550947  0.01390535  0.01203862  0.00307012  0.01359176
  0.          0.01348863 -0.01344886  0.01234476  0.00242888]
distances: [0.01142612 0.06724413 0.01505979 … 0.00709512 0.01014457
0.00664766]
sorted indices: [4003 1098 2025 … 1107 5226 2486]
selected indices: [4003 1098 2025 2216 2675 2924 1880 3379 1780  811]
selected outputs: [[750000.]
 [450000.]
```

```
   [432100.]
   [587100.]
   [347500.]
   [350000.]
   [325000.]
   [280000.]
   [725000.]
   [299000.]]
 Predicted value: 454570.0


 query set: [ 0.01345102  0.00775643  0.00602491  0.00465148  0.00160518  0.
   0.          0.01550947  0.01042901  0.00536578  0.          0.01325743
   0.          0.01343685 -0.01346724  0.00662245  0.00202813]
 distances: [0.00710282 0.06959127 0.01171492 … 0.01927952 0.022963
 0.01358474]
 sorted indices: [4794 4251  857 … 1107 5226 2486]
 selected indices: [4794 4251  857 1578 2555 3555 4183 1335  512 1514]
 selected outputs: [[419000.]
  [422000.]
  [289950.]
  [299950.]
  [300000.]
  [267800.]
  [271000.]
  [260000.]
  [409000.]
  [295000.]]
 Predicted value: 323370.0


 query set: [ 0.01345102  0.01551285  0.01054359  0.01162869  0.00431473  0.
   0.          0.01550947  0.01042901  0.01341446  0.          0.01317555
   0.          0.01344024 -0.01340824  0.00835843  0.00301461]
 distances: [0.01046563 0.06779737 0.01719513 … 0.0108221  0.01254676
 0.01005298]
 sorted indices: [4012  431 3956 … 1107 5226 2486]
 selected indices: [4012  431 3956  736 1056 1647 2778 3944 1977 2719]
 selected outputs: [[385000.]
  [331500.]
  [400000.]
  [372000.]
  [571900.]
  [525000.]
  [247000.]
  [565000.]
  [459000.]
  [245000.]]
 Predicted value: 410140.0
```

```
query set: [ 0.01345102  0.01163464  0.01204982  0.01079381  0.00144466  0.
  0.          0.01550947  0.01216718  0.00674163  0.02123501  0.01300497
  0.          0.01348487 -0.01346746  0.01157321  0.00182531]
distances: [0.02296698 0.06820719 0.02451737 … 0.02396385 0.02559133
0.02238992]
sorted indices: [1060 4388 4352 … 1107 5226 2486]
selected indices: [1060 4388 4352  376 4354  582 5078 3226 4316 3897]
selected outputs: [[710000.]
 [423000.]
 [385000.]
 [652000.]
 [655000.]
 [287500.]
 [359000.]
 [455000.]
 [288000.]
 [547500.]]
Predicted value: 476200.0


query set: [ 0.01345102  0.00775643  0.01204982  0.01031674  0.00136376  0.
  0.          0.0116321   0.01216718  0.01190103  0.          0.01299815
  0.          0.01346007 -0.01346185  0.00887279  0.0016225 ]
distances: [0.00878901 0.06772601 0.01400358 … 0.00922847 0.01372325
0.00582314]
sorted indices: [2223  760 4401 … 1107 5226 2486]
selected indices: [2223  760 4401  699 3155 1854 2688  543 2123 2397]
selected outputs: [[490000.]
 [530000.]
 [489000.]
 [400000.]
 [239000.]
 [554000.]
 [269000.]
 [419000.]
 [320000.]
 [375000.]]
Predicted value: 408500.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0140737   0.00321036  0.
  0.05102365  0.0116321   0.01390535  0.01362084  0.00972205  0.01348942
  0.          0.01345433 -0.01346911  0.01594531  0.00202813]
distances: [0.05415938 0.08413317 0.05490957 … 0.0521655  0.05213057
0.05286326]
sorted indices: [2590 1936 3552 … 1107 5226 2486]
selected indices: [2590 1936 3552 4893 3720 4748 2687 3236 2872 4814]
selected outputs: [[1400000.]
 [1445000.]
 [ 790000.]
```

```
[ 655000.]
[1442500.]
[ 688000.]
[ 901000.]
[ 610000.]
[ 640000.]
[1298888.]]
Predicted value: 987038.8

query set: [ 0.01345102  0.01551285  0.01506227  0.018427    0.00344472  0.
  0.          0.01938684  0.01390535  0.01664769  0.01714151  0.013544
  0.          0.01344663 -0.01344347  0.01427362  0.0031943 ]
distances: [0.02630082 0.06765378 0.02895968 … 0.01994094 0.01938101
0.02299811]
sorted indices: [4211 3624  181 … 1107 5226 2486]
selected indices: [4211 3624  181 2712 3517 3544  384 3705 4348 4930]
selected outputs: [[ 980000.]
 [ 760000.]
 [1250000.]
 [ 995000.]
 [ 765000.]
 [ 870000.]
 [ 355000.]
 [1045000.]
 [ 650000.]
 [1550000.]]
Predicted value: 922000.0

query set: [ 0.01345102  0.01163464  0.01506227  0.00995893  0.00214003  0.
  0.          0.01550947  0.01216718  0.01148828  0.          0.01359176
  0.          0.01339092 -0.01343158  0.0088085   0.00250271]
distances: [0.01081034 0.06775489 0.01609837 … 0.00903056 0.01252146
0.00524352]
sorted indices: [2382 3819 3558 … 1107 5226 2486]
selected indices: [2382 3819 3558 1009 4507 3176 4506  707 4947 1661]
selected outputs: [[270000.]
 [270000.]
 [379000.]
 [282500.]
 [275250.]
 [260000.]
 [295000.]
 [275000.]
 [289000.]
 [254000.]]
Predicted value: 284975.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00739465  0.00154097  0.
```

```
   0.           0.0116321    0.01216718   0.00550337   0.01125711   0.01331201
   0.           0.01347788  -0.0134668    0.00925857   0.001947    ]
distances: [0.0115885   0.06809818 0.01499888 … 0.01949908 0.02196804 0.0155977
]
sorted indices: [3828 2156 1221 … 1107 5226 2486]
selected indices: [3828 2156 1221 4049 4577 3276 2270 1912 3834 4270]
selected outputs: [[320000.]
 [306000.]
 [285000.]
 [325000.]
 [290000.]
 [226000.]
 [399950.]
 [578000.]
 [194000.]
 [150000.]]
Predicted value: 307395.0


query set: [ 0.01345102   0.01163464   0.00602491   0.01085344   0.00184596   0.
  0.           0.0116321    0.01216718   0.00770472   0.01790904   0.01308685
  0.           0.01345554  -0.0134701    0.00964434   0.00233234]
distances: [0.01834655 0.06792284 0.02116799 … 0.02236225 0.02414896
0.02054159]
sorted indices: [   6  302  382 … 1107 5226 2486]
selected indices: [   6  302  382 2066 4650 4274 4590 3372 4800 2865]
selected outputs: [[229500.]
 [269000.]
 [249000.]
 [444950.]
 [225000.]
 [607500.]
 [715000.]
 [350000.]
 [335000.]
 [450000.]]
Predicted value: 387495.0


query set: [ 0.01345102   0.01939106   0.01204982   0.02105091   0.00301293   0.
  0.           0.0116321    0.01564352   0.02428361   0.           0.01313461
  0.           0.01345557  -0.01345931   0.0263612    0.00373297]
distances: [0.02974471 0.07045498 0.03015349 … 0.01860335 0.01466509
0.02634265]
sorted indices: [4380 5503 1652 … 1107 5226 2486]
selected indices: [4380 5503 1652 4914 2219 5013 3583 2602 5067 3756]
selected outputs: [[685000.]
 [861111.]
 [865000.]
 [925000.]
```

```
 [685000.]
 [820000.]
 [714000.]
 [594950.]
 [932990.]
 [740000.]]
Predicted value: 782305.1

query set: [ 0.01345102  0.00775643  0.00903736  0.00936259  0.00115573  0.
  0.03401577  0.01550947  0.01216718  0.00908056  0.00639609  0.01300497
  0.          0.01347231 -0.0134679   0.01375926  0.00146025]
distances: [0.03565338 0.07568295 0.03582774 … 0.03646624 0.03781388
0.03587124]
sorted indices: [4131 4140 4563 … 1107 5226 2486]
selected indices: [4131 4140 4563 3304 2419 3671 2291  579 1838 3358]
selected outputs: [[672500.]
 [500000.]
 [425000.]
 [580000.]
 [400000.]
 [573300.]
 [390000.]
 [340000.]
 [485000.]
 [717500.]]
Predicted value: 508330.0

query set: [ 0.01345102  0.01163464  0.01204982  0.00840844  0.00242896  0.
  0.          0.0116321   0.01216718  0.00969969  0.          0.013544
  0.          0.01339618 -0.01344798  0.01009441  0.00292456]
distances: [0.0066101  0.06786921 0.01199373 … 0.00971895 0.01327219
0.00479657]
sorted indices: [1408 1164 4367 … 1107 5226 2486]
selected indices: [1408 1164 4367   35 2559 1994 4743 1041 4227 2149]
selected outputs: [[258000.]
 [285000.]
 [305000.]
 [391500.]
 [252000.]
 [231200.]
 [269000.]
 [245000.]
 [222500.]
 [200000.]]
Predicted value: 265920.0

query set: [ 0.01345102  0.01163464  0.01958096  0.02158762  0.00261035  0.
  0.          0.01550947  0.01738169  0.01878025  0.02277007  0.01356447
```

```
   0.         0.01345563 -0.0134515   0.0131163   0.00153164]
distances: [0.03303645 0.06870766 0.03569246 … 0.02538428 0.02505899
0.02839313]
sorted indices: [1170 5489 4474 … 1107 5226 2486]
selected indices: [1170 5489 4474 3910 2941  181 4358 3801 5513 5332]
selected outputs: [[1015000.]
 [1010800.]
 [ 879000.]
 [1311000.]
 [ 880000.]
 [1250000.]
 [ 429900.]
 [ 799000.]
 [ 785000.]
 [ 999950.]]
Predicted value: 935965.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00942222  0.00390926  0.
  0.         0.0116321   0.01216718  0.00825505  0.00972205  0.01351671
  0.         0.01346915 -0.0134329   0.01067307  0.00461358]
distances: [0.01307643 0.0671407   0.01581871 … 0.01400396 0.0166443
0.01159201]
sorted indices: [2702 1655 3287 … 1107 5226 2486]
selected indices: [2702 1655 3287 1450   68 2650 1099 3413 4975 2480]
selected outputs: [[278000.]
 [219950.]
 [269000.]
 [289950.]
 [279950.]
 [525000.]
 [580000.]
 [434900.]
 [269950.]
 [260750.]]
Predicted value: 340745.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00972039  0.0030187   0.
  0.         0.0116321   0.01216718  0.01121311  0.         0.01353036
  0.         0.01350636 -0.01346273  0.00919427  0.00343199]
distances: [0.00635066 0.06771858 0.01299057 … 0.00945256 0.01282647
0.00630221]
sorted indices: [4941 2201 2777 … 1107 5226 2486]
selected indices: [4941 2201 2777  587 2400 1559 4134 1032 4367  575]
selected outputs: [[355000.]
 [195000.]
 [245000.]
 [390000.]
 [325000.]
```

```
 [260000.]
 [365000.]
 [441000.]
 [305000.]
 [310000.]]
Predicted value: 319100.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00661941  0.00194548  0.
  0.          0.0116321   0.01042901  0.00763592  0.          0.01329837
  0.          0.01342534 -0.01346669  0.00951575  0.00328556]
distances: [0.00229008 0.06869351 0.00947646 … 0.01523748 0.01828417
0.01087688]
sorted indices: [1988 2122 3644 … 1107 5226 2486]
selected indices: [1988 2122 3644 2796 3691 3613 4164 3521 2568 1163]
selected outputs: [[175000.]
 [350000.]
 [522000.]
 [411500.]
 [325000.]
 [241450.]
 [333000.]
 [550000.]
 [365000.]
 [263000.]]
Predicted value: 353595.0


query set: [ 0.01345102  0.01551285  0.01958096  0.01258284  0.00096311  0.
  0.          0.0116321   0.01390535  0.01451513  0.          0.01365317
  0.          0.01348371 -0.01346405  0.01144462  0.0016225 ]
distances: [0.01681642 0.06778359 0.02119791 … 0.00697613 0.00785084
0.00820424]
sorted indices: [1542 5053 2863 … 1107 5226 2486]
selected indices: [1542 5053 2863 4185 3218 3908 5103 2615 4245 5114]
selected outputs: [[445000.]
 [355000.]
 [425000.]
 [337000.]
 [350000.]
 [361500.]
 [395000.]
 [426950.]
 [772000.]
 [689500.]]
Predicted value: 455695.0


query set: [ 0.01345102  0.01551285  0.01355605  0.0142526   0.00394618  0.
  0.          0.01938684  0.01564352  0.01644131  0.          0.01338707
  0.          0.01344861 -0.01345227  0.01845284  0.0050042 ]
```

```
distances: [0.01933935 0.06842957 0.02064591 … 0.01041662 0.00892218
0.01575537]
sorted indices: [2754 3823 1521 … 1107 5226 2486]
selected indices: [2754 3823 1521  343 1571 1003 4721 4461 4155 2749]
selected outputs: [[ 809950.]
 [1081000.]
 [ 925000.]
 [ 747500.]
 [ 350000.]
 [ 375000.]
 [ 808000.]
 [ 870000.]
 [ 817000.]
 [ 998000.]]
Predicted value: 778145.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01311955  0.00247391  0.
  0.03401577  0.0116321   0.01216718  0.01513426  0.          0.01301862
  0.06640801  0.01340195 -0.01346383  0.00752259  0.02878843]
distances: [0.07985961 0.04412553 0.08078461 … 0.07963796 0.07995851
0.08019942]
sorted indices: [1206 3869  911 … 1107 5226 2486]
selected indices: [1206 3869  911  869  999  998 1310 1063 4484 3485]
selected outputs: [[ 154000.]
 [ 699000.]
 [ 525000.]
 [1230000.]
 [ 550000.]
 [ 550000.]
 [ 611900.]
 [1011000.]
 [ 970000.]
 [ 459950.]]
Predicted value: 676085.0

query set: [ 0.01345102  0.01551285  0.0165685   0.0098993   0.00165334  0.
  0.          0.01938684  0.01216718  0.00880539  0.00972205  0.01315508
  0.          0.01348558 -0.01346779  0.00958004  0.0016294 ]
distances: [0.01705755 0.0676689  0.02090796 … 0.01614048 0.01769235
0.01347645]
sorted indices: [ 400 2096  419 … 1107 5226 2486]
selected indices: [ 400 2096  419 2314 4209 4919 3717 3401  697 3868]
selected outputs: [[503000.]
 [675000.]
 [667500.]
 [706000.]
 [461000.]
 [263000.]
```

```
 [335000.]
 [545000.]
 [266000.]
 [442500.]]
Predicted value: 486400.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01049564  0.00247198  0.
  0.          0.01550947  0.01216718  0.01210741  0.          0.01338707
  0.          0.01338557 -0.01346295  0.01202328  0.00296755]
distances: [0.01033266 0.06777242 0.01504362 … 0.00844533 0.01011081
0.00783859]
sorted indices: [2418 3272 3833 … 1107 5226 2486]
selected indices: [2418 3272 3833   76 4093 2553 4615 3956 3403 1344]
selected outputs: [[565000.]
 [334009.]
 [485000.]
 [250000.]
 [240000.]
 [521000.]
 [380000.]
 [400000.]
 [860000.]
 [560000.]]
Predicted value: 459500.9


query set: [ 0.01345102  0.01551285  0.01054359  0.01192686  0.00235962  0.
  0.          0.0116321   0.01216718  0.00756713  0.02302591  0.01339389
  0.          0.01338922 -0.0134613   0.01105884  0.00298134]
distances: [0.0244257  0.0683879  0.02673858 … 0.02548337 0.02635882
0.02442293]
sorted indices: [3832 1176 3394 … 1107 5226 2486]
selected indices: [3832 1176 3394 2463  925   41 3978 4546  213 3408]
selected outputs: [[423000.]
 [324000.]
 [360000.]
 [385000.]
 [430000.]
 [220000.]
 [343000.]
 [620047.]
 [493000.]
 [475999.]]
Predicted value: 407404.6


query set: [ 0.01345102  0.01163464  0.01506227  0.01037637  0.00075444  0.
  0.          0.0116321   0.01390535  0.00770472  0.0158623   0.01361906
  0.          0.01346779 -0.01346064  0.01125173  0.00154219]
distances: [0.01887705 0.06739526 0.02116056 … 0.01835834 0.02026803 0.0162531
```

```
]
sorted indices: [1928 1576 1285 … 1107 5226 2486]
selected indices: [1928 1576 1285 2592   40 2704 2840 4376 5191 5294]
selected outputs: [[430000.]
 [575000.]
 [479990.]
 [419990.]
 [453246.]
 [472217.]
 [629950.]
 [629950.]
 [672000.]
 [480000.]]
Predicted value: 524234.3

query set: [ 0.01345102  0.01163464  0.00602491  0.00942222  0.00123278  0.
  0.          0.0116321   0.01390535  0.01086915  0.          0.01301862
  0.          0.01346739 -0.01346306  0.01080166  0.00106436]
distances: [0.00479686 0.06815103 0.01162008 … 0.01174027 0.01431988
0.00917865]
sorted indices: [3605  299 2860 … 1107 5226 2486]
selected indices: [3605  299 2860  750 1092 2051 3398 2482 1773 4530]
selected outputs: [[427500.]
 [505000.]
 [470000.]
 [464000.]
 [926300.]
 [399000.]
 [690000.]
 [357000.]
 [303100.]
 [523000.]]
Predicted value: 506490.0

query set: [ 0.01345102  0.01551285  0.01958096  0.0245097   0.00497221  0.
  0.03401577  0.0116321   0.01911985  0.02827356  0.          0.01361223
  0.          0.01344762 -0.01344082  0.02693986  0.00607342]
distances: [0.04975858 0.07950845 0.0500165  … 0.04095118 0.03920256
0.04598942]
sorted indices: [2453 3767 1031 … 1107 5226 2486]
selected indices: [2453 3767 1031 4926  336 1957 2494 1508 1463 3790]
selected outputs: [[1160000.]
 [1060000.]
 [1038000.]
 [1225000.]
 [ 780000.]
 [1250000.]
 [1648000.]
```

```
 [ 725995.]
 [1460000.]
 [ 740000.]]
Predicted value: 1108699.5


query set: [ 0.01345102  0.01163464  0.02108718  0.0100782   0.00045972  0.
  0.         0.0116321   0.01216718  0.00935573  0.00844284  0.01370094
  0.         0.01347647 -0.01347197  0.01060877  0.00113088]
distances: [0.01778267 0.06744944 0.02055537 … 0.01344661 0.01606461
0.01066557]
sorted indices: [5094 5437 4297 … 1107 5226 2486]
selected indices: [5094 5437 4297 5297 3818 5377 1080 5289 2056 5089]
selected outputs: [[622000.]
 [448000.]
 [346500.]
 [420000.]
 [470000.]
 [300000.]
 [395000.]
 [654000.]
 [385000.]
 [515000.]]
Predicted value: 455550.0


query set: [ 0.01345102  0.00775643  0.01054359  0.01711505  0.03286321  0.
  0.03401577  0.01550947  0.01390535  0.0121762   0.02814278  0.01360541
  0.         0.01342935 -0.01342795  0.0190315   0.04417258]
distances: [0.07033685 0.0929544  0.06896115 … 0.06900353 0.06917163 0.0714457
]
sorted indices: [ 971 5009 1240 … 1107 5226 2486]
selected indices: [ 971 5009 1240 3933 4769  455 1650 1776 1484 5439]
selected outputs: [[367000.]
 [491500.]
 [952000.]
 [500000.]
 [475000.]
 [397000.]
 [280000.]
 [595000.]
 [435000.]
 [625000.]]
Predicted value: 511750.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00876624  0.00564286  0.
  0.         0.01938684  0.01216718  0.01011244  0.         0.01342119
  0.         0.01342505 -0.01344071  0.01478799  0.00561061]
distances: [0.01183058 0.0686117  0.01210923 … 0.0133545  0.01551897
0.01331214]
```

```
sorted indices: [3065 1381 1546 … 1107 5226 2486]
selected indices: [3065 1381 1546  802 1068 2877 2196  586 1792 4645]
selected outputs: [[685650.]
 [725000.]
 [686000.]
 [249000.]
 [235000.]
 [785000.]
 [318000.]
 [517100.]
 [678000.]
 [369300.]]
Predicted value: 524805.0


query set: [ 0.01345102  0.01551285  0.01204982  0.00858734  0.00304246  0.
  0.          0.0116321   0.00869084  0.00990606  0.          0.01325743
  0.          0.01343631 -0.01344798  0.00925857  0.0038721 ]
distances: [0.0085706  0.06805733 0.01431154 … 0.01187642 0.01434633
0.00838602]
sorted indices: [5017   33 4732 … 1107 5226 2486]
selected indices: [5017   33 4732  995 2561 2272 3368 1769  981 1487]
selected outputs: [[263000.]
 [171800.]
 [206000.]
 [239000.]
 [249900.]
 [290000.]
 [451000.]
 [215000.]
 [210000.]
 [254000.]]
Predicted value: 254970.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01091308  0.00304503  0.
  0.          0.01550947  0.01216718  0.00825505  0.01611814  0.01357129
  0.          0.01337698 -0.01347054  0.01112314  0.00410046]
distances: [0.01930708 0.06748122 0.02201892 … 0.01931467 0.02045447
0.01801554]
sorted indices: [ 573 3487 4091 … 1107 5226 2486]
selected indices: [ 573 3487 4091 3891 4023 2065 3717 3003 2667 4238]
selected outputs: [[529219.]
 [272000.]
 [507000.]
 [425000.]
 [518000.]
 [336500.]
 [335000.]
 [402000.]
```

```
 [290000.]
 [430000.]]
Predicted value: 404471.9


query set: [ 0.01345102  0.01939106  0.01355605  0.01979859  0.00364376  0.
  0.          0.01938684  0.01390535  0.01141949  0.04247002  0.01339389
  0.          0.01345486 -0.01345139  0.02134614  0.00449635]
distances: [0.04824711 0.07570792 0.04851138 … 0.04513246 0.04444827
0.04689798]
sorted indices: [4064  953 4356 … 1107 2486 5226]
selected indices: [4064  953 4356  171 3011 1768 1532  558  518 4549]
selected outputs: [[1346400.]
 [ 680000.]
 [ 490000.]
 [ 595000.]
 [ 400000.]
 [ 707000.]
 [ 600000.]
 [ 765000.]
 [ 962000.]
 [ 610000.]]
Predicted value: 715540.0


query set: [ 0.01345102  0.01163464  0.02259341  0.01938115  0.00186105  0.
  0.03401577  0.01550947  0.01390535  0.01630373  0.02251423  0.01331201
  0.          0.01347556 -0.01347252  0.01183039  0.00235141]
distances: [0.0467576  0.07649181 0.04853044 … 0.04216781 0.04234511
0.04340177]
sorted indices: [5217 4847 4435 … 1107 5226 2486]
selected indices: [5217 4847 4435  740 1980 5323 3689 5051 4312 4160]
selected outputs: [[ 844000.]
 [ 866800.]
 [ 410000.]
 [1010000.]
 [1450000.]
 [ 735000.]
 [1025000.]
 [1375000.]
 [ 675000.]
 [ 935000.]]
Predicted value: 932580.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01693614  0.03440129  0.
  0.          0.01550947  0.01564352  0.01953696  0.          0.01353036
  0.          0.01337282 -0.01344093  0.01671686  0.0874617 ]
distances: [0.09324036 0.11295731 0.0923632  … 0.09145724 0.091233
0.09440018]
sorted indices: [4385 1787 4365 … 1107 5226 2486]
```

```
selected indices: [4385 1787 4365 1212  439 1058  724 2664  510 3765]
selected outputs: [[545000.]
 [310000.]
 [300000.]
 [371000.]
 [510000.]
 [550000.]
 [724950.]
 [774950.]
 [250000.]
 [410000.]]
Predicted value: 474590.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00882588  0.00224725  0.
  0.          0.0116321   0.01216718  0.00687921  0.01228049  0.01350989
  0.          0.01337333 -0.01346845  0.00945145  0.0028483 ]
distances: [0.01287822 0.06750636 0.01625407 … 0.01776622 0.02019737
0.01456934]
sorted indices: [3500 4328 3327 … 1107 5226 2486]
selected indices: [3500 4328 3327 3453 2012 2457 3579 2811 4384 2141]
selected outputs: [[402000.]
 [357000.]
 [315275.]
 [274000.]
 [250000.]
 [453000.]
 [284000.]
 [186000.]
 [255000.]
 [212000.]]
Predicted value: 298827.5


query set: [ 0.01345102  0.01163464  0.00903736  0.00793136  0.00209958  0.
  0.          0.0116321   0.01216718  0.00619129  0.01100127  0.01344848
  0.          0.01341216 -0.01346009  0.00900138  0.00466469]
distances: [0.01185271 0.06768579 0.01534275 … 0.01781891 0.02039399
0.01416915]
sorted indices: [3500 2774 3327 … 1107 5226 2486]
selected indices: [3500 2774 3327 3453 2811 2078 2457 4384 2012 4328]
selected outputs: [[402000.]
 [372500.]
 [315275.]
 [274000.]
 [186000.]
 [270000.]
 [453000.]
 [255000.]
 [250000.]
```

```
  [357000.]]
Predicted value: 313477.5


query set: [ 0.01345102   0.00775643   0.00602491   0.0059038    0.00281228   0.
  0.          0.0116321    0.01216718   0.00681042   0.          0.01348942
  0.          0.01338566  -0.01346152   0.01003011   0.00481883]
distances: [0.00523847 0.06898147 0.00808204 … 0.01623899 0.01981237
0.01215303]
sorted indices: [1660 4255 3134 … 1107 5226 2486]
selected indices: [1660 4255 3134 1960 2512  840  816 2147 3849 2882]
selected outputs: [[327000.]
 [208000.]
 [345000.]
 [324950.]
 [204950.]
 [ 95000.]
 [230000.]
 [285000.]
 [225000.]
 [205000.]]
Predicted value: 244990.0


query set: [ 0.01345102   0.00775643   0.00602491   0.00524782   0.00221515   0.
  0.          0.0116321    0.01042901   0.00605371   0.          0.01325743
  0.          0.01343094  -0.01344897   0.00681533   0.003245   ]
distances: [0.00546251 0.06927931 0.01076652 … 0.0181845   0.02193247
0.01278748]
sorted indices: [1622 1502 2437 … 1107 5226 2486]
selected indices: [1622 1502 2437 2732 2395 2047 3589  684 2108 2252]
selected outputs: [[170000.]
 [170000.]
 [155000.]
 [135000.]
 [298800.]
 [325000.]
 [229950.]
 [230000.]
 [193000.]
 [264950.]]
Predicted value: 217170.0


query set: [ 0.01345102   0.00775643   0.01204982   0.00890937   0.00618669
0.15811388
  0.06803154   0.0116321    0.01216718   0.01027754   0.          0.01325743
  0.06670865   0.01342599  -0.01348265   0.00960576   0.01767836]
distances: [0.18545809 0.173327   0.18557938 … 0.1855684   0.18585173
0.18555595]
sorted indices: [5025 2332 1461 … 1107 5226 2486]
```

```
selected indices: [5025 2332 1461 4525 1951 2151 4655 4115 4597 2515]
selected outputs: [[1150000.]
 [1360000.]
 [1100000.]
 [2050000.]
 [2150000.]
 [ 425000.]
 [2367000.]
 [1200000.]
 [ 528000.]
 [ 629000.]]
Predicted value: 1295900.0

query set: [ 0.01345102  0.01163464  0.01807473  0.02128945  0.00200648  0.
  0.03401577  0.0116321   0.01738169  0.01864266  0.02200254  0.013544
  0.          0.01345133 -0.01347186  0.01639538  0.00308113]
distances: [0.04678373 0.07646323 0.04805713 … 0.04165922 0.04134884
0.04390978]
sorted indices: [ 740 5323 4160 … 1107 5226 2486]
selected indices: [ 740 5323 4160 5217 4312 4435 4847  783 4096 5051]
selected outputs: [[1010000.]
 [ 735000.]
 [ 935000.]
 [ 844000.]
 [ 675000.]
 [ 410000.]
 [ 866800.]
 [1125000.]
 [ 800000.]
 [1375000.]]
Predicted value: 877580.0

query set: [ 0.01345102  0.01939106  0.00903736  0.01222503  0.0030049   0.
  0.          0.0116321   0.01216718  0.0104564   0.0135597   0.01342801
  0.          0.01341558 -0.01344941  0.01183039  0.00380598]
distances: [0.01730737 0.06742782 0.02118061 … 0.0179748  0.01801914
0.01772586]
sorted indices: [3971  721  426 … 1107 5226 2486]
selected indices: [3971  721  426 2044 3308  883 3314 3607 1035 3099]
selected outputs: [[475000.]
 [450000.]
 [272750.]
 [278100.]
 [455000.]
 [325000.]
 [677500.]
 [385000.]
 [405000.]
```

```
 [700000.]]
Predicted value: 442335.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00721575  0.03314283  0.
  0.          0.00775473  0.01042901  0.00832385  0.          0.01308685
  0.06547269  0.01341128 -0.01347693  0.01208757  0.01643187]
distances: [0.07415099 0.03767007 0.07369644 … 0.07535276 0.07586118
0.07572441]
sorted indices: [4598  891 3539 … 1107 5226 2486]
selected indices: [4598  891 3539 1109 2441 2304 3498  240 4988 3880]
selected outputs: [[ 400000.]
 [1008000.]
 [ 810000.]
 [ 620000.]
 [ 808000.]
 [ 667000.]
 [ 531500.]
 [ 287653.]
 [ 234000.]
 [ 492000.]]
Predicted value: 585815.3


query set: [ 0.01345102  0.01163464  0.01506227  0.01461041  0.00141256  0.
  0.          0.01550947  0.01564352  0.01238258  0.01662983  0.01311414
  0.          0.01347438 -0.01346306  0.01427362  0.00223094]
distances: [0.02220639 0.06718534 0.02409816 … 0.01751474 0.0183239
0.01875933]
sorted indices: [2054 4702 3005 … 1107 5226 2486]
selected indices: [2054 4702 3005 1899  652 4744 4427 3682 4230 3942]
selected outputs: [[850000.]
 [705000.]
 [750000.]
 [487000.]
 [419950.]
 [572000.]
 [525000.]
 [635000.]
 [339000.]
 [210000.]]
Predicted value: 549295.0


query set: [ 0.01345102  0.01939106  0.01054359  0.01127089  0.00160518  0.
  0.          0.0116321   0.01216718  0.00749834  0.02046748  0.01300497
  0.          0.01348207 -0.01346889  0.01035159  0.00202813]
distances: [0.02282651 0.06834454 0.02612021 … 0.02433342 0.02474686
0.02281659]
sorted indices: [2319 3408 2672 … 1107 5226 2486]
selected indices: [2319 3408 2672  919 4775 3832  213 4386 1862 1785]
```

```
selected outputs: [[274000.]
 [475999.]
 [405000.]
 [337500.]
 [534000.]
 [423000.]
 [493000.]
 [279000.]
 [560000.]
 [424500.]]
Predicted value: 420599.9

query set: [ 0.01345102  0.00775643  0.01506227  0.00882588  0.0004395   0.
  0.          0.0116321   0.01216718  0.01018123  0.          0.01370776
  0.          0.01348346 -0.01344126  0.00893709  0.00054232]
distances: [0.01045778 0.06800098 0.01466258 … 0.01033316 0.01485029
0.00436928]
sorted indices: [2986 5442 3365 … 1107 5226 2486]
selected indices: [2986 5442 3365 2666 2123 5476 2566 3085 4697 5185]
selected outputs: [[190000.]
 [208400.]
 [335000.]
 [330000.]
 [320000.]
 [485000.]
 [315000.]
 [348500.]
 [350500.]
 [525000.]]
Predicted value: 340740.0

query set: [ 0.01345102  0.00387821  0.00602491  0.00679831  0.00215094  0.
  0.          0.0116321   0.01216718  0.0078423   0.          0.0131005
  0.          0.01348906 -0.01346724  0.00867991  0.00271769]
distances: [0.00778805 0.06908603 0.01041318 … 0.01692051 0.02107364 0.0129152
]
sorted indices: [2430 4585 3188 … 1107 5226 2486]
selected indices: [2430 4585 3188 2509 2426 3926 3811 2165   84  966]
selected outputs: [[411000.]
 [351000.]
 [299000.]
 [124000.]
 [390000.]
 [320000.]
 [555950.]
 [225000.]
 [415000.]
 [395000.]]
```

Predicted value: 348595.0

query set: [0.01345102 0.01551285 0.01506227 0.0121654   0.00380139 0.
  0.   0.0116321   0.01216718 0.01403359 0.   0.01360541
  0.   0.01339666 -0.01343609 0.01112314 0.00357275]
distances: [0.0130372 0.06751844 0.01787977 … 0.00633738 0.00785919
0.00786648]
sorted indices: [3800 2829 2658 … 1107 5226 2486]
selected indices: [3800 2829 2658 396 3325 467 2681 5177 1900 3874]
selected outputs: [[220000.]
 [339500.]
 [375000.]
 [420000.]
 [260000.]
 [279000.]
 [400000.]
 [216000.]
 [255000.]
 [295000.]]
Predicted value: 305950.0

query set: [0.01345102 0.01551285 0.01355605 0.01228467 0.0039022   0.
  0.   0.01550947 0.01390535 0.01417117 0.   0.01342801
  0.   0.01347265 -0.01344082 0.01517376 0.00349852]
distances: [0.01424208 0.06776586 0.01696691 … 0.00650271 0.006634
0.01024892]
sorted indices: [204 2782 959 … 1107 5226 2486]
selected indices: [204 2782 959 1975 234 904 1653 4124 3911 1613]
selected outputs: [[365000.]
 [305000.]
 [586000.]
 [615000.]
 [270000.]
 [322500.]
 [355000.]
 [1058000.]
 [660000.]
 [670000.]]
Predicted value: 520650.0

query set: [0.01345102 0.01551285 0.01506227 0.01604163 0.00255128 0.
  0.   0.0116321   0.01390535 0.01850508 0.   0.01359859
  0.   0.01341241 -0.01344479 0.01388785 0.00337805]
distances: [0.01784131 0.06760964 0.02174989 … 0.00564599 0.00347146
0.01246742]
sorted indices: [3574 3824 1690 … 1107 5226 2486]
selected indices: [3574 3824 1690 5010 3938 566 3479 5132   96 2714]
selected outputs: [[885000.]

494

```
  [360000.]
  [612000.]
  [383962.]
  [575000.]
  [347000.]
  [700000.]
  [379950.]
  [552250.]
  [338150.]]
Predicted value: 513331.2


query set: [ 0.01345102  0.01551285  0.01506227  0.01097271  0.00178175  0.
  0.          0.0116321   0.01390535  0.01265775  0.          0.01367364
  0.          0.01340362 -0.01344809  0.01305201  0.00223094]
distances: [0.01247558 0.06766443 0.0164883  … 0.00572354 0.00716569
0.00616303]
sorted indices: [3432 4669 3141 … 1107 5226 2486]
selected indices: [3432 4669 3141 1396 2608 1350 4127 2433 5061 1766]
selected outputs: [[420000.]
  [449000.]
  [325000.]
  [602000.]
  [295000.]
  [349000.]
  [270000.]
  [291500.]
  [349900.]
  [316000.]]
Predicted value: 366740.0


query set: [ 0.01345102  0.01939106  0.01204982  0.01305991  0.00291244  0.
  0.          0.01938684  0.01216718  0.00763592  0.0276311   0.01340754
  0.          0.01348165 -0.01344435  0.01067307  0.00337764]
distances: [0.03103563 0.07005253 0.03349739 … 0.03126703 0.03146888 0.030572
]
sorted indices: [2644 1033  102 … 1107 5226 2486]
selected indices: [2644 1033  102 1950 2384 1425 3547 4866 3031 3084]
selected outputs: [[268450.]
  [550000.]
  [315000.]
  [389000.]
  [560000.]
  [750000.]
  [315000.]
  [299000.]
  [467000.]
  [320000.]]
Predicted value: 423345.0
```

```
query set: [ 0.01345102   0.01163464   0.01506227   0.01300028   0.00160518   0.
  0.          0.01550947   0.01390535   0.00853022   0.02404929   0.01348942
  0.          0.0134571   -0.01347153   0.01285912   0.00202813]
distances: [0.02705502 0.06845836 0.02844291 … 0.02543741 0.02654492
0.02500272]
sorted indices: [3881 5012 2797 … 1107 5226 2486]
selected indices: [3881 5012 2797 3679 4316 1030 4352 4261 3412  283]
selected outputs: [[622500.]
 [575000.]
 [282000.]
 [325000.]
 [288000.]
 [359950.]
 [385000.]
 [605000.]
 [793000.]
 [465000.]]
Predicted value: 470045.0


query set: [ 0.01345102   0.01551285   0.01506227   0.01580309   0.00200327   0.
  0.          0.0116321    0.01390535   0.01822991   0.           0.01373505
  0.          0.01348699  -0.01343026   0.01697404   0.0026463 ]
distances: [0.01868231 0.06780363 0.0211963  … 0.00572973 0.00225082
0.01329575]
sorted indices: [5283  881 5225 … 1107 5226 2486]
selected indices: [5283  881 5225 4544 2966   10 5408 5064 2725 5313]
selected outputs: [[502000.]
 [454200.]
 [731500.]
 [515000.]
 [359900.]
 [719000.]
 [734990.]
 [385000.]
 [340000.]
 [430000.]]
Predicted value: 517159.0


query set: [ 0.01345102   0.01551285   0.01506227   0.02117018   0.00328516   0.
  0.          0.0116321    0.01564352   0.0244212    0.           0.01361906
  0.          0.01344779  -0.01343895   0.02128184   0.00371431]
distances: [0.0271857  0.06922163 0.0287121   … 0.01424018 0.01082551
0.02248159]
sorted indices: [2219 5196 2864 … 1107 5226 2486]
selected indices: [2219 5196 2864 3756 5160 3447 5067 1585 2006 5104]
selected outputs: [[685000.]
 [659950.]
```

```
  [746500.]
  [740000.]
  [775000.]
  [806000.]
  [932990.]
  [846450.]
  [616000.]
  [859990.]]
Predicted value: 766788.0


query set: [ 0.01345102  0.01939106  0.02409964  0.0224225   0.00730775  0.
  0.05102365  0.01550947  0.01911985  0.01313929  0.04733105  0.01343483
  0.          0.0134431  -0.01345216  0.02398226  0.00454341]
distances: [0.07633614 0.09428786 0.07639597 … 0.07236346 0.07164968
0.07399478]
sorted indices: [1870 2795 3979 … 1107 5226 2486]
selected indices: [1870 2795 3979 3669 1987 2013  278 2992  227 3171]
selected outputs: [[1310000.]
 [ 465000.]
 [1120000.]
 [1115000.]
 [1212500.]
 [2900000.]
 [2450000.]
 [1730000.]
 [1216000.]
 [ 625000.]]
Predicted value: 1414350.0


query set: [ 0.01345102  0.01939106  0.01807473  0.01693614  0.00200327  0.
  0.          0.01938684  0.01564352  0.01678527  0.01023374  0.01299815
  0.          0.01347002 -0.01346196  0.01890291  0.00243375]
distances: [0.02571847 0.06817203 0.02758943 … 0.01640474 0.01416957
0.02064074]
sorted indices: [4211 4758 2244 … 1107 5226 2486]
selected indices: [4211 4758 2244 2678 4930 5445  135 4288 5327 4201]
selected outputs: [[ 980000.]
 [1325000.]
 [ 800000.]
 [1350000.]
 [1550000.]
 [ 612995.]
 [ 669950.]
 [ 813500.]
 [ 725000.]
 [ 592100.]]
Predicted value: 941854.5
```

```
query set: [ 0.01345102  0.01163464  0.00903736  0.01109198  0.00273041  0.
  0.          0.01550947  0.01216718  0.01279533  0.          0.01342119
  0.          0.01338012 -0.01346812  0.0116375   0.00335127]
distances: [0.00857554 0.06772629 0.01323579 … 0.00889186 0.0117034
0.00893441]
sorted indices: [4787 3418 2484 … 1107 5226 2486]
selected indices: [4787 3418 2484  637 4869 2088 4527 3293  127 3634]
selected outputs: [[443000.]
 [440250.]
 [229950.]
 [340500.]
 [725000.]
 [330000.]
 [475000.]
 [525000.]
 [811000.]
 [272000.]]
Predicted value: 459170.0


query set: [ 0.01345102  0.01939106  0.01506227  0.02081238  0.00605153  0.
  0.06803154  0.01550947  0.01564352  0.01265775  0.04221418  0.01335978
  0.          0.01346069 -0.01344732  0.01729552  0.00471539]
distances: [0.08299901 0.101277   0.08364871 … 0.08112705 0.0807416
0.08206493]
sorted indices: [4870 2984 2241 … 1107 5226 2486]
selected indices: [4870 2984 2241 3937 4693  659 4951 3695 2945 1106]
selected outputs: [[ 879950.]
 [ 968000.]
 [1370000.]
 [1100005.]
 [1500000.]
 [1619999.]
 [1400000.]
 [1989000.]
 [3200000.]
 [1250000.]]
Predicted value: 1527695.4


query set: [ 0.01345102  0.01163464  0.01054359  0.00995893  0.00163729  0.
  0.03401577  0.01938684  0.01216718  0.00681042  0.01739736  0.01333248
  0.          0.01345908 -0.01345997  0.01375926  0.00180584]
distances: [0.03971482 0.07619817 0.04009988 … 0.0404321  0.0413585
0.03970372]
sorted indices: [2660 1841  642 … 1107 5226 2486]
selected indices: [2660 1841  642 2337 4038 1304 2338 2206 3921 1491]
selected outputs: [[650000.]
 [353000.]
 [560000.]
```

498

```
 [304000.]
 [994000.]
 [650000.]
 [560000.]
 [571000.]
 [453500.]
 [605000.]]
Predicted value: 570050.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00584416  0.00051366  0.
  0.          0.0116321   0.01390535  0.00674163  0.          0.01371458
  0.          0.01347271 -0.01346922  0.00758688  0.000649  ]
distances: [0.00519298 0.06913733 0.01132255 … 0.01697559 0.02051575
0.01126392]
sorted indices: [5470 4717 2210 … 1107 5226 2486]
selected indices: [5470 4717 2210 1710 5372 4146 2471 3182   84 3597]
selected outputs: [[438000.]
 [552700.]
 [427550.]
 [430000.]
 [370000.]
 [175000.]
 [280000.]
 [ 90000.]
 [415000.]
 [290000.]]
Predicted value: 346825.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00769283  0.00028444  0.
  0.          0.0116321   0.01216718  0.00887418  0.          0.01367364
  0.          0.0134948  -0.01346042  0.00816554  0.00046728]
distances: [0.00657937 0.06814518 0.01342912 … 0.01177803 0.01525853
0.00443771]
sorted indices: [2985 2679 5461 … 1107 5226 2486]
selected indices: [2985 2679 5461 5269 3728 5453 1095 1409 5048 4939]
selected outputs: [[491000.]
 [495000.]
 [295000.]
 [376000.]
 [481450.]
 [344000.]
 [318000.]
 [530000.]
 [543000.]
 [360000.]]
Predicted value: 423345.0


query set: [ 0.01345102  0.01163464  0.01807473  0.01437187  0.00240103  0.
```

```
   0.03401577  0.0116321   0.01216718  0.0165789   0.          0.01325061
   0.06640801  0.01350139 -0.01345964  0.01678115  0.00303367]
distances: [0.0768458   0.03634378 0.07716542 … 0.07474401 0.07486954
0.07551043]
sorted indices: [3869 1310 1063 … 1107 5226 2486]
selected indices: [3869 1310 1063  778  869 4484  911 1793  999  998]
selected outputs: [[ 699000.]
 [ 611900.]
 [1011000.]
 [ 950000.]
 [1230000.]
 [ 970000.]
 [ 525000.]
 [ 765000.]
 [ 550000.]
 [ 550000.]]
Predicted value: 786190.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01156906  0.00240777  0.
  0.          0.01550947  0.01216718  0.01183224  0.00562856  0.01341436
  0.          0.01339793 -0.01345161  0.01285912  0.00365063]
distances: [0.01169307 0.06716922 0.01562012 … 0.01042208 0.01159475
0.01074809]
sorted indices: [4815 2677 1558 … 1107 5226 2486]
selected indices: [4815 2677 1558  427  639 3046 1909 4994 3625 2042]
selected outputs: [[675000.]
 [410000.]
 [524400.]
 [520000.]
 [660000.]
 [465000.]
 [310000.]
 [500000.]
 [712000.]
 [476500.]]
Predicted value: 525290.0


query set: [ 0.01345102  0.01551285  0.02711209  0.034409    0.00322642  0.
  0.05102365  0.01938684  0.01564352  0.02173831  0.06677515  0.01329837
  0.          0.01348374 -0.01345821  0.0189672   0.00271769]
distances: [0.09294279 0.10474658 0.09389556 … 0.08820637 0.0875915
0.09026045]
sorted indices: [1987 3979 3035 … 1107 5226 2486]
selected indices: [1987 3979 3035 2795 2514 3429  884 1870   54 2124]
selected outputs: [[1212500.]
 [1120000.]
 [1785000.]
 [ 465000.]
```

```
 [1140000.]
 [3168750.]
 [2095000.]
 [1310000.]
 [1095000.]
 [ 452000.]]
Predicted value: 1384325.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00787173  0.00209765  0.
  0.          0.0116321   0.01216718  0.00908056  0.          0.01331884
  0.          0.01342819 -0.01345249  0.01375926  0.00300365]
distances: [0.00535439 0.06843235 0.00764019 … 0.01268404 0.01531812
0.01061208]
sorted indices: [4203 4055 2817 … 1107 5226 2486]
selected indices: [4203 4055 2817 2191 2726 4530  750  299 3398 3528]
selected outputs: [[227000.]
 [345000.]
 [427000.]
 [380000.]
 [704000.]
 [523000.]
 [464000.]
 [505000.]
 [690000.]
 [330000.]]
Predicted value: 459500.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00715612  0.00305851  0.
  0.          0.0116321   0.01216718  0.00825505  0.          0.0133666
  0.          0.01343685 -0.01346273  0.00970864  0.003836  ]
distances: [0.0022721  0.06854556 0.00971036 … 0.01440442 0.01728401
0.01056012]
sorted indices: [1700 3521 4521 … 1107 5226 2486]
selected indices: [1700 3521 4521 3281   79 2568 3644 3691 2255  562]
selected outputs: [[230000.]
 [550000.]
 [447000.]
 [305240.]
 [255000.]
 [365000.]
 [522000.]
 [325000.]
 [392000.]
 [467000.]]
Predicted value: 385824.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00972039  0.00128415  0.
  0.          0.0116321   0.01216718  0.00756713  0.0135597   0.01342801
```

```
      0.         0.01344361 -0.0134668    0.00835843  0.0016225 ]
distances: [0.0145805   0.06736951 0.01853762 … 0.01806502 0.02043833
0.01485084]
sorted indices: [3626  709 3579 … 1107 5226 2486]
selected indices: [3626  709 3579 3706 2012   88 4267 3367 5011 4328]
selected outputs: [[349000.]
 [359950.]
 [284000.]
 [625000.]
 [250000.]
 [405000.]
 [459500.]
 [667000.]
 [373000.]
 [357000.]]
Predicted value: 412945.0

query set: [ 0.01345102  0.01551285   0.01204982   0.00942222   0.00234357  0.
  0.          0.01550947   0.01216718   0.01086915  0.           0.01333931
  0.          0.01350716 -0.01346405   0.00758688   0.00383316]
distances: [0.00912993 0.06799293 0.01637161 … 0.01155239 0.01363555 0.0078661
]
sorted indices: [ 597  521 3073 … 1107 5226 2486]
selected indices: [ 597  521 3073 1056 1573 2347  574 1647  818 3311]
selected outputs: [[230000.]
 [176250.]
 [440000.]
 [571900.]
 [287000.]
 [304000.]
 [205000.]
 [525000.]
 [658600.]
 [270000.]]
Predicted value: 366775.0

query set: [ 0.01345102  0.01939106  0.00903736  0.0102571   0.00128415  0.
  0.          0.0116321    0.01216718  0.0104564   0.00511687  0.01313461
  0.          0.01346753 -0.01345953  0.0146594   0.0016225 ]
distances: [0.01218847 0.06777522 0.01570956 … 0.01280892 0.01278816
0.01234526]
sorted indices: [1097  639 3773 … 1107 5226 2486]
selected indices: [1097  639 3773  880 4004 2042 3057 1219 2976 4973]
selected outputs: [[458000.]
 [660000.]
 [825000.]
 [535000.]
 [855000.]
```

```
 [476500.]
 [785000.]
 [225000.]
 [625000.]
 [289950.]]
Predicted value: 573445.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00685795  0.00211884  0.
  0.          0.01550947  0.01042901  0.00791109  0.          0.01344165
  0.          0.01348201 -0.01344831  0.00983723  0.00267713]
distances: [0.00634781 0.06839183 0.01107292 … 0.01320762 0.01655146
0.00818073]
sorted indices: [3146 1997 3961 … 1107 5226 2486]
selected indices: [3146 1997 3961 1952 4007   39 3443 4625 1223 4150]
selected outputs: [[275000.]
 [435000.]
 [190000.]
 [345000.]
 [455000.]
 [212000.]
 [311000.]
 [295000.]
 [195000.]
 [262500.]]
Predicted value: 297550.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00667904  0.0017108   0.
  0.01700788  0.0116321   0.01042901  0.00515941  0.00946621  0.0131619
  0.          0.01344559 -0.01346955  0.00983723  0.00216198]
distances: [0.02018338 0.07043091 0.02110151 … 0.02582577 0.02840509
0.02295571]
sorted indices: [1877  859 1364 … 1107 5226 2486]
selected indices: [1877  859 1364  751 4442 2476  186 2388 1006 3831]
selected outputs: [[245000.]
 [355000.]
 [425000.]
 [650000.]
 [565000.]
 [514000.]
 [373000.]
 [323000.]
 [750000.]
 [502000.]]
Predicted value: 470200.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00471111  0.00240777  0.
  0.          0.0116321   0.01042901  0.00543458  0.          0.01330519
  0.          0.01350846 -0.01344974  0.01266623  0.00363846]
```

distances: [0.00701775 0.06934834 0.00490712 … 0.01721433 0.02077141
0.01325494]
sorted indices: [4791 4887 541 … 1107 5226 2486]
selected indices: [4791 4887 541 1901 1220 905 3134 4452 2147 4395]
selected outputs: [[235000.]
 [250000.]
 [192500.]
 [450000.]
 [255000.]
 [122000.]
 [345000.]
 [361600.]
 [285000.]
 [285000.]]
Predicted value: 278110.0

query set: [0.01345102 0.01939106 0.00903736 0.01097271 0.00258434 0.
  0.   0.01550947 0.01216718 0.01265775 0.   0.01338707
  0.   0.01339601 -0.01346229 0.01086596 0.00330625]
distances: [0.0112724 0.06817565 0.01736927 … 0.01206014 0.01210622
0.01165524]
sorted indices: [986 1318 1180 … 1107 5226 2486]
selected indices: [986 1318 1180 1412 2959 3963 560 2719 1977 3956]
selected outputs: [[385000.]
 [285900.]
 [540000.]
 [158550.]
 [510000.]
 [249950.]
 [488000.]
 [245000.]
 [459000.]
 [400000.]]
Predicted value: 372140.0

query set: [0.01345102 0.01163464 0.01054359 0.0100782   0.01720048 0.
  0.   0.0116321   0.01390535 0.01162587 0.   0.01353718
  0.   0.0134774 -0.01343334 0.01472369 0.02137928]
distances: [0.02614248 0.07175662 0.025478   … 0.0254812 0.02625773
0.02759026]
sorted indices: [2597 775 3527 … 1107 5226 2486]
selected indices: [2597 775 3527 3219 4823 1454 2997 4410 5465 3850]
selected outputs: [[539000.]
 [387000.]
 [500000.]
 [590000.]
 [316000.]
 [600000.]

```
 [210000.]
 [476800.]
 [320000.]
 [500000.]]
Predicted value: 443880.0

query set: [ 0.01345102  0.01551285  0.01807473  0.01353699  0.00232591  0.
  0.          0.0116321   0.01216718  0.00969969  0.02200254  0.01350306
  0.          0.01351066 -0.01346262  0.01118743  0.00307099]
distances: [0.02639359 0.06802928 0.02885334 … 0.02363795 0.02432207
0.02330597]
sorted indices: [3602  767 1306 … 1107 5226 2486]
selected indices: [3602  767 1306 3212 2587 4636 2365 4608 3651  596]
selected outputs: [[228950.]
 [505000.]
 [436000.]
 [555000.]
 [462000.]
 [346500.]
 [733000.]
 [220000.]
 [550000.]
 [264900.]]
Predicted value: 430135.0

query set: [ 0.01345102  0.01163464  0.01355605  0.00986352  0.00271725  0.
  0.          0.0116321   0.01216718  0.01137821  0.          0.01361223
  0.          0.0133946  -0.01343158  0.01269838  0.0034539 ]
distances: [0.0097084  0.06763322 0.01276572 … 0.00651949 0.01027076
0.00532804]
sorted indices: [2502 4877 2379 … 1107 5226 2486]
selected indices: [2502 4877 2379 1423 2541 4488  623 2729  534  972]
selected outputs: [[315000.]
 [250000.]
 [265000.]
 [265000.]
 [280000.]
 [280000.]
 [335000.]
 [300000.]
 [272500.]
 [203000.]]
Predicted value: 276550.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01109198  0.00192622  0.
  0.03401577  0.01550947  0.01390535  0.01279533  0.          0.0133666
  0.          0.01346142 -0.01345964  0.01948157  0.00288765]
distances: [0.03677378 0.07621803 0.03638583 … 0.03508229 0.03546525
```

```
0.03608744]
sorted indices: [4121 2527 1743 … 1107 5226 2486]
selected indices: [4121 2527 1743 1021 3509 1371 3109 2849 4844 3423]
selected outputs: [[660000.]
 [735000.]
 [763000.]
 [725000.]
 [600000.]
 [638500.]
 [615000.]
 [605000.]
 [485000.]
 [850000.]]
Predicted value: 667650.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01258284  0.00358116  0.
  0.          0.0116321   0.01564352  0.01451513  0.          0.01347577
  0.          0.01347288 -0.01343433  0.01710263  0.00482694]
distances: [0.01539909 0.06787035 0.01719577 … 0.00618816 0.00504793
0.01136554]
sorted indices: [1618   64  536 … 1107 5226 2486]
selected indices: [1618   64  536 1388  130  511  187 2307 4810 1351]
selected outputs: [[605000.]
 [592500.]
 [632500.]
 [540000.]
 [359500.]
 [780000.]
 [980000.]
 [329800.]
 [310000.]
 [319950.]]
Predicted value: 544925.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00930295  0.00385147  0.
  0.          0.0116321   0.01216718  0.00866781  0.0076753   0.01356447
  0.          0.01344437 -0.01339955  0.0117018   0.01484182]
distances: [0.01709679 0.06816421 0.01830829 … 0.01731376 0.01933667 0.0169068
]
sorted indices: [2526   603 3788 … 1107 5226 2486]
selected indices: [2526   603 3788 3781 4536 2221 2109 2784 3151 1352]
selected outputs: [[472500.]
 [172500.]
 [430000.]
 [249950.]
 [315000.]
 [500000.]
 [419900.]
```

```
 [360000.]
 [207000.]
 [285000.]]
Predicted value: 341185.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01347735  0.00549422  0.
  0.         0.0116321   0.01216718  0.01554702  0.         0.01357812
  0.         0.01350543 -0.01346053  0.01517376  0.00604097]
distances: [0.01496893 0.06759589 0.01664925 … 0.00576833 0.00785557
0.01156533]
sorted indices: [1026  116  438 … 1107 5226 2486]
selected indices: [1026  116  438 2340 1197  296 1567  387  706 4137]
selected outputs: [[382450.]
 [538000.]
 [470000.]
 [534950.]
 [393000.]
 [285167.]
 [560000.]
 [432900.]
 [325900.]
 [445000.]]
Predicted value: 436736.7


query set: [ 0.01345102  0.00775643  0.00602491  0.00465148  0.00524702  0.
  0.         0.00387737  0.00869084  0.00536578  0.         0.01325061
  0.         0.0134263  -0.01345876  0.01093025  0.00421323]
distances: [0.01101668 0.0699087  0.01054616 … 0.01993162 0.02331111
0.01639798]
sorted indices: [ 551 4222 4109 … 1107 5226 2486]
selected indices: [ 551 4222 4109 1150 3257  936 1347 2155 4040 4991]
selected outputs: [[ 82500.]
 [338500.]
 [ 81000.]
 [100000.]
 [370000.]
 [157340.]
 [ 99000.]
 [140000.]
 [235000.]
 [246500.]]
Predicted value: 184984.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00882588  0.00062955  0.
  0.         0.0116321   0.01390535  0.01018123  0.         0.01368047
  0.         0.0134472  -0.01342795  0.00900138  0.0004616 ]
distances: [0.00985765 0.06790869 0.01540796 … 0.00937056 0.01285295
0.00100176]
```

```
sorted indices: [1716 4859 5452 … 1107 5226 2486]
selected indices: [1716 4859 5452 2145 5258 5311 5518 2092 5238 5523]
selected outputs: [[408000.]
 [425000.]
 [375000.]
 [349950.]
 [416286.]
 [563500.]
 [385000.]
 [443600.]
 [599950.]
 [467000.]]
Predicted value: 443328.6


query set: [ 0.01345102  0.01551285  0.01506227  0.01735358  0.00293138  0.
  0.          0.0116321   0.01738169  0.0200185   0.          0.01374187
  0.          0.01348532 -0.01344842  0.01208757  0.00454787]
distances: [0.01976191 0.06787301 0.0245142  … 0.00858175 0.0061635
0.01456454]
sorted indices: [5393 5212 2040 … 1107 5226 2486]
selected indices: [5393 5212 2040 5140 5147 5173 5118 1814 2202 5231]
selected outputs: [[ 718500.]
 [ 585000.]
 [ 860000.]
 [ 635000.]
 [ 925000.]
 [ 649000.]
 [ 897000.]
 [1255000.]
 [ 895000.]
 [ 750000.]]
Predicted value: 816950.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01735358  0.00257696  0.
  0.          0.01938684  0.01390535  0.01238258  0.02839863  0.01344165
  0.          0.01348852 -0.01347098  0.01536665  0.00310709]
distances: [0.03466037 0.06987739 0.03608496 … 0.03029284 0.03017122
0.03168091]
sorted indices: [3410 1049 3643 … 1107 5226 2486]
selected indices: [3410 1049 3643 1920  787  496 2447 2238  962 2030]
selected outputs: [[1272000.]
 [1045000.]
 [ 405000.]
 [ 300000.]
 [1130000.]
 [ 485000.]
 [ 480000.]
 [ 825000.]
```

```
 [ 525000.]
 [ 590000.]]
Predicted value: 705700.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01127089  0.00306108  0.
  0.          0.0116321   0.01216718  0.00832385  0.01739736  0.01348259
  0.          0.01343006 -0.01345249  0.0131163   0.00450568]
distances: [0.01917785 0.06746416 0.02038811 … 0.01982532 0.0214629
0.01920439]
sorted indices: [2258 3810  154 … 1107 5226 2486]
selected indices: [2258 3810  154  585 2024 1931  174 3372 2572 3999]
selected outputs: [[287000.]
 [240000.]
 [638700.]
 [288350.]
 [420000.]
 [288250.]
 [240000.]
 [350000.]
 [255000.]
 [485000.]]
Predicted value: 349230.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0165187   0.00300169  0.
  0.05102365  0.0116321   0.01390535  0.01905541  0.          0.01335295
  0.06680887  0.01344084 -0.01345007  0.01710263  0.00393254]
distances: [0.08623926 0.05265013 0.08664781 … 0.08424982 0.08422827
0.08523606]
sorted indices: [ 999  998 4603 … 1107 5226 2486]
selected indices: [ 999  998 4603 3294 2974 3869 4594 3117 1206 3000]
selected outputs: [[ 550000.]
 [ 550000.]
 [1250000.]
 [ 787500.]
 [ 850000.]
 [ 699000.]
 [ 550000.]
 [ 887500.]
 [ 154000.]
 [1400000.]]
Predicted value: 767800.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01759212  0.01594202  0.
  0.          0.01550947  0.01390535  0.02029367  0.          0.01337342
  0.06674206  0.01339397 -0.01341936  0.01105884  0.02217634]
distances: [0.07388784 0.02702445 0.07488513 … 0.07164144 0.07143098
0.07323464]
sorted indices: [ 891 3498 2304 … 1107 5226 2486]
```

```
selected indices: [ 891 3498 2304 4598 2441  288 3539 1524 3100 1109]
selected outputs: [[1008000.]
 [ 531500.]
 [ 667000.]
 [ 400000.]
 [ 808000.]
 [ 675000.]
 [ 810000.]
 [ 599000.]
 [ 552775.]
 [ 620000.]]
Predicted value: 667127.5


query set: [ 0.01345102  0.01551285  0.01807473  0.01067454  0.00115573  0.
  0.          0.0116321   0.01390535  0.01231379  0.          0.01297086
  0.          0.01346527 -0.0134624   0.01138032  0.00126514]
distances: [0.01426076 0.06782429 0.01868901 … 0.00745272 0.00906132 0.005805
]
sorted indices: [3218 5057 3859 … 1107 5226 2486]
selected indices: [3218 5057 3859 5053 2020 1525 1350 1542  156 5343]
selected outputs: [[350000.]
 [282000.]
 [585000.]
 [355000.]
 [340000.]
 [330000.]
 [349000.]
 [445000.]
 [338900.]
 [335000.]]
Predicted value: 370990.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00459184  0.00355837  0.
  0.          0.01550947  0.01042901  0.00529699  0.          0.01328472
  0.          0.01350387 -0.01346328  0.00649386  0.00449595]
distances: [0.00770973 0.06963084 0.01172804 … 0.01959582 0.02322122
0.01443467]
sorted indices: [1335 1722  902 … 1107 5226 2486]
selected indices: [1335 1722  902  958 3699 3292  710 4715  150 2555]
selected outputs: [[260000.]
 [310000.]
 [252500.]
 [169500.]
 [320000.]
 [248500.]
 [401000.]
 [285000.]
 [261000.]
```

```
  [300000.]]
Predicted value: 280750.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01353699  0.00296862  0.
  0.          0.01938684  0.01390535  0.01031882  0.01969995  0.0134553
  0.          0.01345071 -0.01344732  0.0145951   0.00371674]
distances: [0.02518312 0.06806313 0.0267597  … 0.02224243 0.02254025
0.02284539]
sorted indices: [ 251 3497 4980 … 1107 5226 2486]
selected indices: [ 251 3497 4980 3187 1492 1860  687  482  133 1981]
selected outputs: [[930000.]
 [610000.]
 [600000.]
 [515000.]
 [395000.]
 [366000.]
 [675000.]
 [655000.]
 [295000.]
 [650000.]]
Predicted value: 569100.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00900478  0.00282512  0.
  0.          0.01550947  0.01216718  0.006948    0.01279217  0.01339389
  0.          0.01338532 -0.01346427  0.00829413  0.00343564]
distances: [0.01365116 0.06791374 0.01742702 … 0.02002887 0.02227328 0.0171086
]
sorted indices: [4492  471 3465 … 1107 5226 2486]
selected indices: [4492  471 3465 2242 2932 1829 1226 2908 3114  476]
selected outputs: [[253000.]
 [367500.]
 [440000.]
 [235000.]
 [458000.]
 [204000.]
 [224000.]
 [355000.]
 [570000.]
 [249000.]]
Predicted value: 335550.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00733502  0.00277247  0.
  0.          0.01550947  0.01042901  0.00846143  0.          0.01333248
  0.          0.01338365 -0.01345205  0.00750973  0.00337318]
distances: [0.00605121 0.06881215 0.01387608 … 0.0163062  0.01841557
0.01225934]
sorted indices: [4125  276  887 … 1107 5226 2486]
selected indices: [4125  276  887 1847   57 1127 3206  640 3198  539]
```

```
selected outputs: [[276693.]
 [315000.]
 [355000.]
 [435000.]
 [615000.]
 [618000.]
 [475000.]
 [207500.]
 [190000.]
 [225000.]]
Predicted value: 371219.3


query set: [ 0.01345102  0.01551285  0.0165685   0.02158762  0.011374     0.
  0.          0.0116321   0.01738169  0.02490274  0.          0.01368729
  0.          0.01341213 -0.01343873  0.02128184  0.02198204]
distances: [0.0358682   0.07256167 0.03639145 … 0.02652696 0.02454135
0.03317153]
sorted indices: [3435 3273 2273 … 1107 5226 2486]
selected indices: [3435 3273 2273 2317 1104 2715 1192  414 1260  308]
selected outputs: [[896000.]
 [818000.]
 [725000.]
 [685000.]
 [864000.]
 [883000.]
 [925000.]
 [650000.]
 [895000.]
 [699000.]]
Predicted value: 804000.0


query set: [ 0.01345102  0.00775643  0.01355605  0.01270211  0.00190054  0.
  0.          0.0116321   0.01390535  0.01258896  0.0076753   0.01330519
  0.          0.01348436 -0.01345821  0.01369496  0.00291726]
distances: [0.01455958 0.06684702 0.01621439 … 0.00934822 0.01260987
0.01077047]
sorted indices: [2362 1294 3712 … 1107 5226 2486]
selected indices: [2362 1294 3712 1289 3002 5083 5506 5133 1059 4437]
selected outputs: [[580000.]
 [355000.]
 [666000.]
 [656000.]
 [490000.]
 [430000.]
 [589999.]
 [571000.]
 [509500.]
 [530000.]]
```

```
Predicted value: 537749.9


query set: [ 0.01345102  0.01551285  0.00903736  0.01097271  0.00289222  0.
  0.          0.0116321   0.01216718  0.01265775  0.          0.01340754
  0.          0.0134071  -0.01346295  0.00893709  0.00325514]
distances: [0.00790066 0.06776224 0.01550605 … 0.01019215 0.01188227
0.00875306]
sorted indices: [3213 2468 4757 … 1107 5226 2486]
selected indices: [3213 2468 4757 1414 2907 1742  993 1769 3917 2375]
selected outputs: [[375000.]
 [390000.]
 [352000.]
 [353000.]
 [275000.]
 [235000.]
 [825000.]
 [215000.]
 [195000.]
 [200000.]]
Predicted value: 341500.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00477074  0.00233072  0.
  0.          0.0116321   0.01216718  0.00550337  0.          0.01332566
  0.          0.01344383 -0.01346834  0.00649386  0.00301785]
distances: [0.00568382 0.0694204   0.01117298 … 0.01858442 0.02222725 0.012841
]
sorted indices: [4353 2893 4550 … 1107 5226 2486]
selected indices: [4353 2893 4550 2247 1752 2741 2031 2544 2047 2252]
selected outputs: [[325000.]
 [285000.]
 [405000.]
 [370000.]
 [284000.]
 [287000.]
 [520000.]
 [497000.]
 [325000.]
 [264950.]]
Predicted value: 356295.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00942222  0.00196699  0.
  0.          0.01938684  0.01216718  0.01086915  0.          0.01328472
  0.          0.01349567 -0.01346317  0.00964434  0.00248567]
distances: [0.00974382 0.06819538 0.01472065 … 0.01215568 0.0149714
0.00949115]
sorted indices: [1953 4260 1137 … 1107 5226 2486]
selected indices: [1953 4260 1137 3506 3201 4821 4092  257  586  190]
selected outputs: [[376500.]
```

```
 [310000.]
 [700000.]
 [592000.]
 [352450.]
 [380000.]
 [393500.]
 [255000.]
 [517100.]
 [310000.]]
Predicted value: 418655.0


query set: [ 0.01345102  0.01551285  0.00903736  0.00751392  0.00232687  0.
  0.          0.01938684  0.01216718  0.00866781  0.          0.01333931
  0.          0.01341473 -0.01346009  0.00835843  0.00313629]
distances: [0.00926417 0.06877632 0.01537791 … 0.01546016 0.01739073
0.01153672]
sorted indices: [2709 2444 3093 … 1107 5226 2486]
selected indices: [2709 2444 3093  863 4917 2583  256 2899 4503 1208]
selected outputs: [[220000.]
 [265000.]
 [231000.]
 [425000.]
 [512500.]
 [670000.]
 [530000.]
 [535000.]
 [211000.]
 [310000.]]
Predicted value: 390950.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01663797  0.00211884  0.
  0.          0.0116321   0.01564352  0.019193    0.          0.01364635
  0.          0.01341564 -0.01343994  0.01864572  0.00273878]
distances: [0.02131039 0.06815425 0.0232327  … 0.00770977 0.0037963
0.01539888]
sorted indices: [5245 2523 5483 … 1107 5226 2486]
selected indices: [5245 2523 5483 2546 5095 5139 2136  444 3113 1805]
selected outputs: [[ 572000.]
 [ 784950.]
 [ 531155.]
 [ 730000.]
 [ 515000.]
 [1035292.]
 [ 700000.]
 [ 550000.]
 [ 375000.]
 [ 419900.]]
Predicted value: 621329.7
```

```
query set: [ 0.01345102   0.01551285   0.00602491   0.01037637   0.01195475   0.
  0.          0.01550947   0.01216718   0.01196983   0.          0.01318237
  0.          0.01345209  -0.01341716   0.0116375    0.00744403]
distances: [0.01395024 0.06899527 0.01686201 … 0.01663803 0.01748734
0.01740655]
sorted indices: [1534 1611 4918 … 1107 5226 2486]
selected indices: [1534 1611 4918 4601 2140  275 4741 4645 3503 3016]
selected outputs: [[282510.]
 [239950.]
 [229500.]
 [240000.]
 [400000.]
 [283000.]
 [339000.]
 [369300.]
 [218500.]
 [350000.]]
Predicted value: 295176.0

query set: [ 0.01345102   0.01939106   0.01506227   0.01791415   0.00182991   0.
  0.          0.0116321    0.01564352   0.02066515   0.          0.01368729
  0.          0.01339977  -0.01344831   0.01713478   0.00231206]
distances: [0.02241384 0.06842891 0.02571188 … 0.01069089 0.00594631
0.01736584]
sorted indices: [3494 5340  481 … 1107 5226 2486]
selected indices: [3494 5340  481  672 4364 5380 3899  627 2479 5398]
selected outputs: [[372000.]
 [562500.]
 [315000.]
 [355000.]
 [640000.]
 [670000.]
 [757500.]
 [485000.]
 [475000.]
 [525000.]]
Predicted value: 515700.0

query set: [ 0.01345102   0.01939106   0.00903736   0.01514712   0.0021381    0.
  0.05102365   0.01550947   0.01390535   0.01609735   0.00511687   0.01333248
  0.          0.01343775  -0.0134712    0.01581672   0.00365063]
distances: [0.05385305 0.08472207 0.05507567 … 0.05241576 0.05198419 0.0534481
]
sorted indices: [1207 3552  183 … 1107 5226 2486]
selected indices: [1207 3552  183 3236 1085 2590 2455 1132 3599 3271]
selected outputs: [[ 480000.]
 [ 790000.]
```

```
[ 865000.]
[ 610000.]
[ 705000.]
[1400000.]
[1300000.]
[1236000.]
[ 538250.]
[ 770000.]]
Predicted value: 869425.0


query set: [ 0.01345102  0.01551285  0.01958096  0.01884444  0.00284952  0.
  0.          0.0116321   0.01564352  0.01692286  0.01790904  0.01362588
  0.          0.01343801 -0.01344754  0.01864572  0.00405625]
distances: [0.02921389 0.06799896 0.03053577 … 0.02023982 0.01911317
0.02429556]
sorted indices: [3227 5469 5431 … 1107 5226 2486]
selected indices: [3227 5469 5431 5255 5456 2760 4883 3482 1382 5059]
selected outputs: [[1149000.]
 [ 775000.]
 [ 495000.]
 [ 540000.]
 [ 825750.]
 [ 795000.]
 [ 695000.]
 [ 775000.]
 [ 550000.]
 [ 489500.]]
Predicted value: 708925.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00876624  0.00054287  0.
  0.          0.0116321   0.01390535  0.00687921  0.01202464  0.01369411
  0.          0.01348297 -0.01346273  0.01067307  0.0016225 ]
distances: [0.01395928 0.06741803 0.01686655 … 0.0164365  0.01880051
0.01299386]
sorted indices: [2815  730 5282 … 1107 5226 2486]
selected indices: [2815  730 5282 2285  175 3579 4456 4450 5184 1473]
selected outputs: [[469000.]
 [450000.]
 [430100.]
 [482500.]
 [530000.]
 [284000.]
 [241500.]
 [428000.]
 [665000.]
 [450000.]]
Predicted value: 443010.0
```

query set: [0.01345102 0.01551285 0.01355605 0.01449114 0.00152428 0.
  0.   0.0116321   0.01390535 0.01121311 0.02046748 0.01315508
  0.   0.01345925 -0.01347076 0.01562383 0.00192591]
distances: [0.024662   0.06771493 0.02624898 … 0.02140251 0.02151966
0.02241365]
sorted indices: [4802 4011 1693 … 1107 5226 2486]
selected indices: [4802 4011 1693   38 4285 2952 2791 1553 2365 2166]
selected outputs: [[520000.]
 [277500.]
 [530000.]
 [260000.]
 [546800.]
 [490000.]
 [665000.]
 [603000.]
 [733000.]
 [320000.]]
Predicted value: 494530.0

query set: [0.01345102 0.01551285 0.01054359 0.01270211 0.00356254 0.
  0.   0.0116321   0.01216718 0.00942452 0.01944411 0.01331884
  0.   0.01342319 -0.01346713 0.01189469 0.00450122]
distances: [0.02158769 0.06763154 0.02402999 … 0.02170078 0.02245434
0.02145503]
sorted indices: [2170 1601 4833 … 1107 5226 2486]
selected indices: [2170 1601 4833 2172 2816 4386 1959 1785 1482 883]
selected outputs: [[293550.]
 [250000.]
 [559000.]
 [432000.]
 [268500.]
 [279000.]
 [340000.]
 [424500.]
 [440000.]
 [325000.]]
Predicted value: 361155.0

query set: [0.01345102 0.01939106 0.01054359 0.00942222 0.00169892 0.
  0.   0.0116321   0.01042901 0.00674163 0.01535061 0.01305273
  0.   0.01345283 -0.01345986 0.0102873   0.00120714]
distances: [0.01819045 0.06802961 0.02180049 … 0.02107559 0.02188594
0.01858716]
sorted indices: [919 4120 3694 … 1107 5226 2486]
selected indices: [919 4120 3694 746 3363 2138 752 2738 1713 3971]
selected outputs: [[337500.]
 [255000.]
 [548000.]

```
 [313000.]
 [271000.]
 [418000.]
 [220000.]
 [385000.]
 [385000.]
 [475000.]]
Predicted value: 360750.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00966076  0.00096311  0.
  0.          0.01938684  0.01216718  0.01114432  0.          0.01315508
  0.          0.01348708 -0.01346614  0.00912998  0.00124121]
distances: [0.00884936 0.06855422 0.0147348  … 0.01455407 0.01699491
0.01212699]
sorted indices: [1130 2743 1579 … 1107 5226 2486]
selected indices: [1130 2743 1579 3074 1024    9 2582 4196  449 3557]
selected outputs: [[400000.]
 [265000.]
 [335000.]
 [385000.]
 [565000.]
 [667000.]
 [373000.]
 [651000.]
 [345000.]
 [235000.]]
Predicted value: 422100.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01276174  0.0036168   0.
  0.          0.0116321   0.01216718  0.01472151  0.          0.01355083
  0.          0.01349779 -0.0134242   0.01285912  0.00574933]
distances: [0.01289837 0.06743455 0.01606929 … 0.00498329 0.00814531
0.00907017]
sorted indices: [1197 2340 5090 … 1107 5226 2486]
selected indices: [1197 2340 5090  120   69  296 3829 4510 1296 4855]
selected outputs: [[393000.]
 [534950.]
 [350000.]
 [196000.]
 [328000.]
 [285167.]
 [283748.]
 [605000.]
 [492000.]
 [550000.]]
Predicted value: 401786.5


query set: [ 0.01345102  0.01939106  0.01204982  0.01222503  0.00327457  0.
```

```
    0.           0.0116321    0.01042901   0.00983727   0.0158623    0.01334613
    0.           0.01340924  -0.0134646    0.01247335   0.00349852]
distances: [0.01998608 0.06752527 0.02296512 … 0.01939782 0.01959531
0.01915511]
sorted indices: [3971 2516 1825 … 1107 5226 2486]
selected indices: [3971 2516 1825  919 1123  883  721 1646 1662 2738]
selected outputs: [[475000.]
 [450000.]
 [300000.]
 [337500.]
 [564500.]
 [325000.]
 [450000.]
 [417500.]
 [330000.]
 [385000.]]
Predicted value: 403450.0

query set: [ 0.01345102   0.01163464   0.01054359   0.00948186   0.00309351  0.
  0.           0.01550947   0.01042901   0.01093795   0.           0.01332566
  0.           0.01350551  -0.01346328   0.01157321   0.00404611]
distances: [0.0081163   0.06787685 0.01191006 … 0.0099907   0.01322481
0.00838113]
sorted indices: [3909 4869 2652 … 1107 5226 2486]
selected indices: [3909 4869 2652 2973 2848 2187 1926  277  259 3380]
selected outputs: [[320000.]
 [725000.]
 [330000.]
 [216000.]
 [253000.]
 [314950.]
 [345000.]
 [245000.]
 [234000.]
 [235000.]]
Predicted value: 321795.0

query set: [ 0.01345102   0.01163464   0.01506227   0.02266104   0.00419627  0.
  0.           0.0116321    0.01738169   0.01878025   0.02737525   0.01360541
  0.           0.01337927  -0.01347164   0.01916009   0.0045065 ]
distances: [0.0365776   0.06992607 0.03752647 … 0.02976934 0.0290855
0.03361077]
sorted indices: [5169 5108  749 … 1107 5226 2486]
selected indices: [5169 5108  749  922 2281 2053 3258 3056 4776 1045]
selected outputs: [[1300000.]
 [ 572800.]
 [1195000.]
 [ 681000.]
```

```
[ 750000.]
[1440000.]
[1300000.]
[1150000.]
[ 946000.]
[ 523000.]]
Predicted value: 985780.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01347735  0.02385204  0.
  0.          0.0116321   0.01564352  0.01554702  0.          0.01359176
  0.          0.01336875 -0.01342938  0.01999593  0.03975126]
distances: [0.04699906 0.0802279  0.04551196 … 0.04382075 0.04367356
0.04726548]
sorted indices: [3055  509 4378 … 1107 5226 2486]
selected indices: [3055  509 4378 2330 2861 3885  353 3468 1300 3949]
selected outputs: [[535000.]
 [490000.]
 [650000.]
 [429000.]
 [427000.]
 [365000.]
 [585000.]
 [369000.]
 [510000.]
 [560000.]]
Predicted value: 492000.0


query set: [ 0.01345102  0.02326928  0.0165685   0.01812883  0.01178878  0.
  0.05102365  0.01550947  0.01564352  0.01210741  0.03274797  0.01335978
  0.          0.0134192  -0.01346713  0.01555954  0.00854855]
distances: [0.06538586 0.08866973 0.06636808 … 0.06328444 0.06265157
0.06435468]
sorted indices: [3519 2748  286 … 1107 5226 2486]
selected indices: [3519 2748  286 1648 2461 3560 1779 1996  227 4080]
selected outputs: [[1795000.]
 [ 725000.]
 [ 790000.]
 [ 545000.]
 [ 460000.]
 [ 940000.]
 [ 750000.]
 [ 942000.]
 [1216000.]
 [ 655000.]]
Predicted value: 881800.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01184337  0.00192622  0.
  0.03401577  0.01550947  0.01390535  0.0120111   0.00614024  0.01311414
```

```
     0.         0.01344426 -0.01347087   0.01240905   0.00251488]
distances: [0.03776024 0.0753276   0.03940745 … 0.03542503 0.03570976
0.03544799]
sorted indices: [1830 3822 1159 … 1107 5226 2486]
selected indices: [1830 3822 1159 3789 2606  889 3464 3925 2928 5363]
selected outputs: [[308950.]
 [855000.]
 [900000.]
 [638000.]
 [510000.]
 [690000.]
 [403000.]
 [422000.]
 [370350.]
 [580000.]]
Predicted value: 567730.0


query set: [ 0.01345102   0.01163464   0.00602491   0.00721575   0.00273041   0.
  0.         0.0116321    0.01216718   0.00832385   0.         0.01335978
  0.         0.01344468 -0.0134668    0.00919427   0.00344984]
distances: [0.00160973 0.06853662 0.01015855 … 0.01446605 0.01737672
0.01036225]
sorted indices: [1700  562 3521 … 1107 5226 2486]
selected indices: [1700  562 3521 2568 3644 1195 3691   79 1555 4277]
selected outputs: [[230000.]
 [467000.]
 [550000.]
 [365000.]
 [522000.]
 [190000.]
 [325000.]
 [255000.]
 [517500.]
 [379950.]]
Predicted value: 380145.0


query set: [ 0.01345102   0.01551285   0.00602491   0.00852771   0.0087171    0.
  0.         0.01550947   0.00869084   0.00983727   0.         0.01319602
  0.         0.0134442  -0.01339977   0.01208757   0.01101394]
distances: [0.01353325 0.06931167 0.01529013 … 0.01809969 0.01949956
0.01797467]
sorted indices: [3503 1084 1757 … 1107 5226 2486]
selected indices: [3503 1084 1757 4645  216 3575  320 1611 1534 4601]
selected outputs: [[218500.]
 [281000.]
 [280000.]
 [369300.]
 [305000.]
```

```
 [169000.]
 [535000.]
 [239950.]
 [282510.]
 [240000.]]
Predicted value: 292026.0


query set: [ 0.01345102  0.01939106  0.0165685   0.01741322  0.00168544  0.
  0.          0.01938684  0.01216718  0.01238258  0.02865447  0.01303909
  0.          0.01337915 -0.01345227  0.00784406  0.00212953]
distances: [0.03433855 0.07009596 0.03797418 … 0.03190875 0.03180176
0.03205168]
sorted indices: [ 588  875 1049 … 1107 5226 2486]
selected indices: [ 588  875 1049 1539  537 3928 1174 3643  581  477]
selected outputs: [[ 605000.]
 [ 697000.]
 [1045000.]
 [ 760000.]
 [ 370000.]
 [ 320000.]
 [ 725000.]
 [ 405000.]
 [ 403500.]
 [ 824500.]]
Predicted value: 615500.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01848664  0.01468356  0.
  0.          0.0116321   0.01738169  0.02132555  0.          0.01358494
  0.          0.01348611 -0.01343323  0.02147473  0.01855248]
distances: [0.03177855 0.07150268 0.03124526 … 0.02337603 0.02226752
0.02964409]
sorted indices: [1104  414 2317 … 1107 5226 2486]
selected indices: [1104  414 2317 1681 3435 2425  308 3058 4079 3184]
selected outputs: [[ 864000.]
 [ 650000.]
 [ 685000.]
 [1035000.]
 [ 896000.]
 [ 375000.]
 [ 699000.]
 [ 940000.]
 [ 560000.]
 [ 845000.]]
Predicted value: 754900.0


query set: [ 0.01345102  0.01551285  0.02108718  0.0226014   0.02894753  0.
  0.          0.0116321   0.01911985  0.02607221  0.          0.0136327
  0.          0.01347856 -0.01343037  0.0219248   0.01904451]
```

```
distances: [0.04526581 0.07688131 0.04527284 … 0.03662698 0.03493121
0.04248318]
sorted indices: [4298 2435  143 … 1107 5226 2486]
selected indices: [4298 2435  143 4673 1171 5329 1366 2715 2866 2358]
selected outputs: [[ 949000.]
 [ 665000.]
 [ 970000.]
 [ 637000.]
 [ 898000.]
 [ 925000.]
 [ 844000.]
 [ 883000.]
 [1400000.]
 [ 850000.]]
Predicted value: 902100.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00912405  0.00256829  0.
  0.          0.0116321   0.01216718  0.01052519  0.          0.01349624
  0.          0.01348942 -0.01344225  0.00983723  0.00304219]
distances: [0.00576405 0.06779492 0.01206045 … 0.00962486 0.01304308
0.00585263]
sorted indices: [2201 3545 4894 … 1107 5226 2486]
selected indices: [2201 3545 4894 1032 4367 1726 4134 2400 1796 1023]
selected outputs: [[195000.]
 [383000.]
 [424500.]
 [441000.]
 [305000.]
 [220000.]
 [365000.]
 [325000.]
 [419900.]
 [244000.]]
Predicted value: 332240.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00453221  0.00233458  0.
  0.          0.01550947  0.01216718  0.0052282   0.          0.01350989
  0.          0.01338291 -0.01346427  0.0088085   0.00319065]
distances: [0.00677082 0.0694964  0.00971053 … 0.01839387 0.02193515
0.01324981]
sorted indices: [2214 4340 2469 … 1107 5226 2486]
selected indices: [2214 4340 2469 2083  150 1837  710 2599 2623 3785]
selected outputs: [[324000.]
 [450600.]
 [372500.]
 [350000.]
 [261000.]
 [555500.]
```

```
 [401000.]
 [268500.]
 [338000.]
 [195000.]]
Predicted value: 351610.0

query set: [ 0.01345102   0.01163464   0.01054359   0.0083488    0.00128415  0.
  0.           0.0116321    0.01216718   0.00598491   0.0135597    0.01331201
  0.           0.01348778  -0.01346988   0.00900138   0.0016225 ]
distances: [0.01454077 0.06766741 0.01775961 … 0.01895081 0.02140085
0.01520674]
sorted indices: [3579 5011 4450 … 1107 5226 2486]
selected indices: [3579 5011 4450   175   709 3327   730 4052 2815 3453]
selected outputs: [[284000.]
 [373000.]
 [428000.]
 [530000.]
 [359950.]
 [315275.]
 [450000.]
 [360000.]
 [469000.]
 [274000.]]
Predicted value: 384322.5

query set: [ 0.01345102   0.01163464   0.00602491   0.00566526   0.00269671  0.
  0.           0.0116321    0.01216718   0.00653525   0.           0.01335978
  0.           0.01343662  -0.01344622   0.00803695   0.00340725]
distances: [0.00259687 0.06896957 0.01050682 … 0.01656013 0.01953047
0.01136671]
sorted indices: [4723   744 1096 … 1107 5226 2486]
selected indices: [4723   744 1096 3377 3648   409 3152 4266 3493 1741]
selected outputs: [[206000.]
 [225000.]
 [191000.]
 [210000.]
 [326000.]
 [235000.]
 [164000.]
 [350000.]
 [340000.]
 [230000.]]
Predicted value: 247700.0

query set: [ 0.01345102   0.01163464   0.01204982   0.00972039   0.00210279  0.
  0.           0.01938684   0.01216718   0.00584733   0.01995579   0.01304591
  0.           0.01344646  -0.01346966   0.00925857   0.00265684]
distances: [0.0225331   0.06853501 0.0246717   … 0.02468884 0.02652352
```

0.02237602]
sorted indices: [3195 2412 2014 … 1107 5226 2486]
selected indices: [3195 2412 2014 3693 735 3354 3865 337 3530 3529]
selected outputs: [[677915.]
 [353900.]
 [369950.]
 [615000.]
 [420000.]
 [641000.]
 [667500.]
 [317000.]
 [475000.]
 [665000.]]
Predicted value: 520226.5

query set: [0.01345102 0.12798102 0.01054359 0.00966076 0.00192622 0.
  0.   0.01938684 0.01216718 0.00715438 0.01483892 0.01328472
  0.   0.01348679 -0.01346438 0.00855131 0.00190644]
distances: [0.11766568 0.13472084 0.12194366 … 0.11816829 0.11468838
0.11771938]
sorted indices: [4711 3974 2752 … 1107 5226 2486]
selected indices: [4711 3974 2752 3404 2492 675 1234 1302 888 4946]
selected outputs: [[934000.]
 [680000.]
 [475000.]
 [230000.]
 [550000.]
 [705000.]
 [600000.]
 [755000.]
 [175000.]
 [824000.]]
Predicted value: 592800.0

query set: [0.01345102 0.01163464 0.02108718 0.01133052 0.00051751 0.
  0.   0.0116321   0.01390535 0.00983727 0.01202464 0.01370094
  0.   0.01344612 -0.01347032 0.01144462 0.00061858]
distances: [0.02021121 0.06736524 0.02270877 … 0.01528329 0.01722854
0.01374201]
sorted indices: [5297 5094 3818 … 1107 5226 2486]
selected indices: [5297 5094 3818 5276 2056 946 1110 5385 5334 5437]
selected outputs: [[420000.]
 [622000.]
 [470000.]
 [320000.]
 [385000.]
 [345100.]
 [477590.]

```
 [556000.]
 [798500.]
 [448000.]]
Predicted value: 484219.0


query set: [ 0.01345102  0.01163464  0.00903736  0.0083488   0.0031301   0.
  0.          0.01550947  0.01042901  0.0096309   0.          0.01340072
  0.          0.01339884 -0.01344666  0.00745829  0.00395484]
distances: [0.00608151 0.06823707 0.01315981 … 0.01347778 0.01666833
0.00945579]
sorted indices: [3331 3623 3703 … 1107 5226 2486]
selected indices: [3331 3623 3703 2194 2038 4207 4607 3729 1997 4128]
selected outputs: [[225000.]
 [295000.]
 [417000.]
 [244900.]
 [249950.]
 [345000.]
 [210000.]
 [274000.]
 [435000.]
 [264950.]]
Predicted value: 296080.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01854627  0.00217181  0.
  0.01700788  0.01550947  0.01564352  0.01754199  0.01432724  0.0132779
  0.          0.01348702 -0.01345832  0.01690974  0.0030933 ]
distances: [0.02990298 0.06937227 0.0312985  … 0.02340203 0.02319982
0.02665033]
sorted indices: [ 788 2834 3608 … 1107 5226 2486]
selected indices: [ 788 2834 3608 4733  977 4177 3027  358 2636 4028]
selected outputs: [[870000.]
 [450000.]
 [950000.]
 [390000.]
 [790000.]
 [735000.]
 [688888.]
 [815000.]
 [750000.]
 [710000.]]
Predicted value: 714888.8


query set: [ 0.01345102  0.01163464  0.01054359  0.01186723  0.00208674  0.
  0.          0.0116321   0.01216718  0.00749834  0.02302591  0.01338025
  0.          0.01343029 -0.01345227  0.01382355  0.00263656]
distances: [0.02452845 0.06835384 0.02532956 … 0.02496369 0.0262745
0.02435961]
```

```
sorted indices: [1820 4832 4972 … 1107 5226 2486]
selected indices: [1820 4832 4972 2283 1511 3478 1874 2926 1666 2205]
selected outputs: [[369000.]
 [399950.]
 [580000.]
 [700000.]
 [490000.]
 [265000.]
 [343000.]
 [268000.]
 [750000.]
 [520000.]]
Predicted value: 468495.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0123443   0.00362322  0.
  0.          0.0116321   0.01390535  0.01423997  0.          0.01361906
  0.          0.01344171 -0.01344699  0.01568813  0.0043913 ]
distances: [0.01493889 0.06770876 0.01728743 … 0.00521849 0.00517066
0.00991789]
sorted indices: [4810 2498  975 … 1107 5226 2486]
selected indices: [4810 2498  975 3178 1504 2307 1973 2779  187 1351]
selected outputs: [[310000.]
 [374950.]
 [645000.]
 [348450.]
 [325000.]
 [329800.]
 [325000.]
 [442500.]
 [980000.]
 [319950.]]
Predicted value: 440065.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01556456  0.0018832   0.
  0.          0.0116321   0.01390535  0.01795474  0.          0.01368047
  0.          0.01338959 -0.01343235  0.01594531  0.00210438]
distances: [0.01797534 0.06771081 0.02098323 … 0.00514864 0.00197035
0.01239262]
sorted indices: [5408 4166   96 … 1107 5226 2486]
selected indices: [5408 4166   96 5064 2966  881 2725 4544 5225   10]
selected outputs: [[734990.]
 [570000.]
 [552250.]
 [385000.]
 [359900.]
 [454200.]
 [340000.]
 [515000.]
```

```
 [731500.]
 [719000.]]
Predicted value: 536184.0


query set: [ 0.01345102  0.00775643  0.01204982  0.00745429  0.00107868  0.
  0.          0.0116321   0.01216718  0.00859901  0.          0.01335295
  0.          0.01347684 -0.01346636  0.00803695  0.0013629 ]
distances: [0.00731343 0.06826399 0.01248827 … 0.01256566 0.01684446
0.00617072]
sorted indices: [2566  303 2346 … 1107 5226 2486]
selected indices: [2566  303 2346 3461  941 3749 5148 5345 1446 3155]
selected outputs: [[315000.]
 [219000.]
 [405000.]
 [398000.]
 [222000.]
 [381000.]
 [548000.]
 [325000.]
 [380000.]
 [239000.]]
Predicted value: 343200.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01395443  0.00221387  0.
  0.          0.0116321   0.01216718  0.01609735  0.          0.01365317
  0.          0.01343074 -0.01344336  0.0189672   0.00274811]
distances: [0.01777269 0.06793025 0.01878392 … 0.00616071 0.00475327
0.01279823]
sorted indices: [ 629 5171 1128 … 1107 5226 2486]
selected indices: [ 629 5171 1128 5382  137   10 1276 4734 4165 3215]
selected outputs: [[306000.]
 [778983.]
 [300000.]
 [425000.]
 [480000.]
 [719000.]
 [324950.]
 [393000.]
 [598500.]
 [345000.]]
Predicted value: 467043.3


query set: [ 0.01345102  0.01163464  0.00903736  0.01019747  0.00164371  0.
  0.          0.01550947  0.01216718  0.01176345  0.          0.0131005
  0.          0.01348461 -0.01346152  0.00983723  0.00209708]
distances: [0.00700072 0.06784108 0.01333371 … 0.01016756 0.01318995
0.00782651]
sorted indices: [1437 3299 3418 … 1107 5226 2486]
```

```
selected indices: [1437 3299 3418 1182 3708 2037 1884 3170 4684 2720]
selected outputs: [[419000.]
 [725000.]
 [440250.]
 [670000.]
 [574800.]
 [622000.]
 [242000.]
 [498000.]
 [475000.]
 [443000.]]
Predicted value: 510905.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01771139  0.01123017  0.
  0.          0.0116321   0.01564352  0.02043126  0.          0.0136327
  0.          0.01350057 -0.01343202  0.0203817   0.01228111]
distances: [0.0264832   0.06962557 0.02691243 … 0.01675274 0.01474718
0.02356664]
sorted indices: [ 820   678 3839 … 1107 5226 2486]
selected indices: [ 820   678 3839 3184 2316 3190 1563 4017 2593 1681]
selected outputs: [[ 530000.]
 [ 645000.]
 [ 690000.]
 [ 845000.]
 [ 545000.]
 [ 635000.]
 [ 390000.]
 [ 655000.]
 [ 725000.]
 [1035000.]]
Predicted value: 669500.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00811027  0.0004777   0.
  0.          0.0116321   0.01216718  0.00770472  0.00614024  0.01366682
  0.          0.01347684 -0.01347021  0.0087442   0.00063805]
distances: [0.00726263 0.06766724 0.01319474 … 0.01441626 0.0173996
0.00933898]
sorted indices: [2525 3038 1675 … 1107 5226 2486]
selected indices: [2525 3038 1675  217 1591 2264  677 3180 4839 3484]
selected outputs: [[386000.]
 [717000.]
 [500000.]
 [320000.]
 [625000.]
 [190500.]
 [536000.]
 [375000.]
 [420000.]
```

```
 [338900.]]
Predicted value: 440840.0


query set: [ 0.01345102   0.01163464   0.01204982   0.01055527   0.00261356   0.
  0.           0.01938684   0.01390535   0.0121762    0.           0.01331884
  0.           0.0134968   -0.01346878   0.01138032   0.00328556]
distances: [0.01172963 0.06800158 0.01562463 … 0.01010033 0.01258985
0.00941964]
sorted indices: [2877 2102 1953 … 1107 5226 2486]
selected indices: [2877 2102 1953   586 1137 1381 1744 1120 3522 1792]
selected outputs: [[785000.]
 [425000.]
 [376500.]
 [517100.]
 [700000.]
 [725000.]
 [350000.]
 [360000.]
 [329900.]
 [678000.]]
Predicted value: 524650.0


query set: [ 0.01345102   0.01163464   0.00451868   0.00775246   0.02321382   0.
  0.           0.0116321    0.01042901   0.00467786   0.0158623    0.01330519
  0.06637461   0.01345263  -0.01344159   0.01980304   0.00340522]
distances: [0.07252029 0.02819802 0.07134713 … 0.07363084 0.07409911
0.07379678]
sorted indices: [2372 3087 4105 … 1107 5226 2486]
selected indices: [2372 3087 4105 4136 2842 4738 3064   408 4718 1397]
selected outputs: [[273000.]
 [250000.]
 [257000.]
 [248500.]
 [446000.]
 [625000.]
 [501000.]
 [776500.]
 [529000.]
 [530000.]]
Predicted value: 443600.0


query set: [ 0.01345102   0.02326928   0.01807473   0.01765176   0.00160518   0.
  0.           0.0116321    0.01390535   0.01231379   0.02993369   0.01342801
  0.           0.01348942  -0.01346548   0.00822984   0.00050744]
distances: [0.03623924 0.07068716 0.04012159 … 0.03334981 0.03267884
0.03347539]
sorted indices: [ 437   517    72 … 1107 5226 2486]
selected indices: [ 437   517    72 2068 1355 2627   537   488 4752 4978]
```

```
selected outputs: [[ 445000.]
 [ 430000.]
 [ 315000.]
 [ 440000.]
 [ 367500.]
 [ 402000.]
 [ 370000.]
 [1125000.]
 [ 283450.]
 [1500000.]]
Predicted value: 567795.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00781209  0.00166939  0.
  0.          0.0116321   0.01042901  0.00797988  0.00383765  0.01327108
  0.          0.01344454 -0.01346867  0.00700822  0.00210114]
distances: [0.00600459 0.06826477 0.0143542  … 0.01650426 0.01865832 0.0119936
]
sorted indices: [1281 4174 3329 … 1107 5226 2486]
selected indices: [1281 4174 3329  232 2487 1324 4301 5312 4699 2411]
selected outputs: [[249000.]
 [227000.]
 [220000.]
 [175000.]
 [489000.]
 [239000.]
 [226000.]
 [380000.]
 [235000.]
 [197200.]]
Predicted value: 263720.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0180692   0.00250408  0.
  0.          0.0116321   0.01564352  0.01086915  0.03709731  0.01358494
  0.          0.01348713 -0.01344952  0.01825995  0.00301582]
distances: [0.04133244 0.07247877 0.04194331 … 0.03810237 0.03784427
0.03944268]
sorted indices: [ 658 4990 4214 … 1107 2486 5226]
selected indices: [ 658 4990 4214 4161 1768 4898  558 3893 2930  518]
selected outputs: [[1600000.]
 [ 968000.]
 [ 635700.]
 [ 575000.]
 [ 707000.]
 [ 655000.]
 [ 765000.]
 [ 780000.]
 [ 855000.]
 [ 962000.]]
```

```
Predicted value: 850270.0

query set: [ 0.01345102  0.01551285  0.01807473  0.0140737   0.00214388  0.
  0.          0.0116321   0.01390535  0.01210741  0.01535061  0.01329837
  0.          0.01348795 -0.0134624   0.01054448  0.00258789]
distances: [0.0216393   0.06706659 0.02528254 … 0.01700308 0.01755732
0.01716106]
sorted indices: [2342 1632 5241 … 1107 5226 2486]
selected indices: [2342 1632 5241 1203 2510  270 5475  548 2414 3651]
selected outputs: [[ 525000.]
 [ 445000.]
 [ 382000.]
 [ 528000.]
 [ 372000.]
 [ 283000.]
 [ 899000.]
 [ 852000.]
 [1008000.]
 [ 550000.]]
Predicted value: 584400.0

query set: [ 0.01345102  0.01939106  0.00602491  0.01049564  0.0013689   0.
  0.          0.0116321   0.01390535  0.01210741  0.          0.01297768
  0.          0.01346892 -0.01346229  0.01369496  0.00172959]
distances: [0.01084029 0.06848479 0.01577614 … 0.01285316 0.01246241
0.01280222]
sorted indices: [4004 4493 4480 … 1107 5226 2486]
selected indices: [4004 4493 4480 2744 1219  378  993  468 4188 1742]
selected outputs: [[855000.]
 [540000.]
 [401000.]
 [433000.]
 [225000.]
 [701000.]
 [825000.]
 [300000.]
 [425000.]
 [235000.]]
Predicted value: 494000.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01675724  0.00147901  0.
  0.          0.0116321   0.01390535  0.01933058  0.          0.01367364
  0.          0.01351103 -0.01345293  0.01633108  0.0019758 ]
distances: [0.01909903 0.0677257  0.02144726 … 0.00523448 0.00504818 0.0134565
]
sorted indices: [5330 4268  128 … 1107 5226 2486]
selected indices: [5330 4268  128 5174 5097  371 5308 3994 5209 5455]
selected outputs: [[367000.]
```

```
 [540000.]
 [551000.]
 [577000.]
 [409950.]
 [470000.]
 [739000.]
 [546200.]
 [437000.]
 [680000.]]
Predicted value: 531715.0


query set: [ 0.01345102  0.01551285  0.01054359  0.00995893  0.00317377  0.
  0.          0.01938684  0.01216718  0.01148828  0.          0.01328472
  0.          0.01349729 -0.01345953  0.01665256  0.00405503]
distances: [0.01360344 0.06846957 0.01456711 … 0.01173812 0.012533
0.01290823]
sorted indices: [2819 3645 1344 … 1107 5226 2486]
selected indices: [2819 3645 1344 1792  910  802  223 1381 1971 1546]
selected outputs: [[1000000.]
 [ 800500.]
 [ 560000.]
 [ 678000.]
 [ 566000.]
 [ 249000.]
 [ 710000.]
 [ 725000.]
 [ 245000.]
 [ 686000.]]
Predicted value: 621950.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01097271  0.00092298  0.
  0.          0.01550947  0.01216718  0.01265775  0.          0.01362588
  0.          0.01345121 -0.0134712   0.00797265  0.00233234]
distances: [0.01158034 0.06767943 0.01750773 … 0.0088302  0.01221737
0.00572522]
sorted indices: [2382 3819 4475 … 1107 5226 2486]
selected indices: [2382 3819 4475 3558  707 1009 2327 3176 4947  220]
selected outputs: [[270000.]
 [270000.]
 [316000.]
 [379000.]
 [275000.]
 [282500.]
 [314000.]
 [260000.]
 [289000.]
 [408200.]]
Predicted value: 306370.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.015982    0.00392146
0.15811388
  0.06803154  0.0116321   0.01564352  0.01093795  0.02788694  0.01334613
  0.          0.0134166  -0.0134668   0.0190315   0.0080979 ]
distances: [0.17535503 0.18575048 0.17539322 … 0.17467    0.17461931
0.17499887]
sorted indices: [1439  309 3905 … 1107 5226 2486]
selected indices: [1439  309 3905 2323 4032 1458 2921  178 3428 2515]
selected outputs: [[1600000.]
 [ 790000.]
 [1650000.]
 [ 650000.]
 [1600000.]
 [1850000.]
 [2750000.]
 [3070000.]
 [ 500000.]
 [ 629000.]]
Predicted value: 1508900.0

query set: [ 0.01345102  0.01551285  0.01506227  0.0140737   0.00167774  0.
  0.          0.0116321   0.01390535  0.01623494  0.          0.01365317
  0.          0.01349364 -0.01345315  0.01568813  0.0020914 ]
distances: [0.01628887 0.06764972 0.01925253 … 0.00412007 0.0023681
0.01050208]
sorted indices: [  23 4466 5433 … 1107 5226 2486]
selected indices: [  23 4466 5433 2045  525 5019 5374 5237 5002 5175]
selected outputs: [[360000.]
 [490000.]
 [400000.]
 [425000.]
 [352000.]
 [669000.]
 [365000.]
 [399000.]
 [419950.]
 [349990.]]
Predicted value: 422994.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00423404  0.00223441  0.
  0.          0.01550947  0.01042901  0.00488424  0.          0.01325743
  0.          0.01343046 -0.01345502  0.00604379  0.0031152 ]
distances: [0.00767341 0.06975001 0.01213663 … 0.01999183 0.02365545
0.01428041]
sorted indices: [1335 2555 3555 … 1107 5226 2486]
selected indices: [1335 2555 3555  857 1722  958 4794 4183 3360 4360]
selected outputs: [[260000.]
```

```
 [300000.]
 [267800.]
 [289950.]
 [310000.]
 [169500.]
 [419000.]
 [271000.]
 [272000.]
 [135000.]]
Predicted value: 269425.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01270211  0.00231467  0.
  0.          0.01938684  0.01216718  0.00914935  0.02046748  0.01340754
  0.          0.01347016 -0.01344082  0.00842272  0.00320282]
distances: [0.02418876 0.06818737 0.02761547 … 0.02410649 0.02504379
0.02294977]
sorted indices: [ 484  761   59 … 1107 5226 2486]
selected indices: [ 484  761   59 1492 2236 4871  547 2909  418 3529]
selected outputs: [[411800.]
 [430000.]
 [423000.]
 [395000.]
 [380000.]
 [522500.]
 [264950.]
 [233000.]
 [285000.]
 [665000.]]
Predicted value: 401025.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00477074  0.00194227  0.
  0.          0.01550947  0.01042901  0.00550337  0.          0.01326425
  0.          0.01343371 -0.01345458  0.00565801  0.00245403]
distances: [0.00733896 0.06961188 0.01254396 … 0.01957093 0.02325265
0.01384037]
sorted indices: [ 857 2555  958 … 1107 5226 2486]
selected indices: [ 857 2555  958 3555 1578 4183 4360 1722 1335 4794]
selected outputs: [[289950.]
 [300000.]
 [169500.]
 [267800.]
 [299950.]
 [271000.]
 [135000.]
 [310000.]
 [260000.]
 [419000.]]
Predicted value: 272220.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.01341772  0.00365018  0.
  0.          0.0116321   0.01390535  0.01547822  0.          0.01358494
  0.          0.0134935  -0.01345425  0.01408074  0.00389846]
distances: [0.01518277 0.06756592 0.01865025 … 0.00461884 0.0043195
0.00988112]
sorted indices: [2569 1973 4331 … 1107 5226 2486]
selected indices: [2569 1973 4331 3882 1533 3284  621 4810 3697  975]
selected outputs: [[397000.]
 [325000.]
 [562500.]
 [340000.]
 [487600.]
 [360000.]
 [580000.]
 [310000.]
 [322000.]
 [645000.]]
Predicted value: 432910.0

query set: [ 0.01345102  0.01551285  0.01807473  0.01675724  0.00192622  0.
  0.          0.0116321   0.01564352  0.01933058  0.          0.01369411
  0.          0.0133966  -0.01343422  0.01793847  0.00243375]
distances: [0.02190023 0.06817498 0.02408957 … 0.00790708 0.00436617
0.01530814]
sorted indices: [5369  616 2523 … 1107 5226 2486]
selected indices: [5369  616 2523 5095 5245 2546 5483 5044 2804 5428]
selected outputs: [[395000.]
 [449950.]
 [784950.]
 [515000.]
 [572000.]
 [730000.]
 [531155.]
 [505657.]
 [540000.]
 [499990.]]
Predicted value: 552370.2

query set: [ 0.01345102  0.01163464  0.01506227  0.0123443   0.00160936  0.
  0.          0.0116321   0.01390535  0.01423997  0.          0.01355765
  0.          0.01338283 -0.01347142  0.01073737  0.0020334 ]
distances: [0.01245032 0.06741264 0.01728283 … 0.0042813  0.00806377 0.0053467
]
sorted indices: [1775 5080 1339 … 1107 5226 2486]
selected indices: [1775 5080 1339 1230 5197 3044 3255 5138 3077  885]
selected outputs: [[359500.]
 [540000.]
```

```
[515100.]
[440000.]
[342000.]
[498688.]
[718000.]
[329900.]
[617000.]
[802000.]]
Predicted value: 516218.8


query set: [ 0.01345102  0.01551285  0.0165685   0.01944079  0.00157308  0.
  0.          0.0116321   0.01564352  0.02242623  0.          0.01373505
  0.          0.01342836 -0.01344148  0.02096037  0.00248729]
distances: [0.02548602 0.06885093 0.02698284 … 0.01192298 0.00839205
0.01992762]
sorted indices: [5248 5252 2489 … 1107 5226 2486]
selected indices: [5248 5252 2489  563 3875 2703 5183  570 1368 5386]
selected outputs: [[799000.]
 [850000.]
 [680000.]
 [750000.]
 [765000.]
 [715000.]
 [849990.]
 [760000.]
 [762500.]
 [780000.]]
Predicted value: 771149.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01705541  0.00211884  0.
  0.          0.0116321   0.01564352  0.01967454  0.          0.01364635
  0.          0.01346386 -0.01342982  0.01793847  0.00272702]
distances: [0.02073719 0.06806838 0.0230864  … 0.00764017 0.00356655
0.01542305]
sorted indices: [ 444 5139 1827 … 1107 5226 2486]
selected indices: [ 444 5139 1827  356 3101 4020 1805 2136 4628 4098]
selected outputs: [[ 550000.]
 [1035292.]
 [ 428900.]
 [ 690000.]
 [ 340000.]
 [ 440000.]
 [ 419900.]
 [ 700000.]
 [ 515500.]
 [ 560000.]]
Predicted value: 567959.2
```

```
query set: [ 0.01345102  0.00775643  0.00451868  0.00393586  0.00168223  0.
  0.          0.01550947  0.00695267  0.00454028  0.          0.01304591
  0.          0.01340203 -0.0134537   0.00546513  0.00206058]
distances: [0.00959324 0.07025233 0.0133708  … 0.02209648 0.02578048
0.01660474]
sorted indices: [1330 3186 1721 … 1107 5226 2486]
selected indices: [1330 3186 1721 4175 4183 3555 3360 4360  857 2555]
selected outputs: [[227450.]
 [213800.]
 [135000.]
 [202000.]
 [271000.]
 [267800.]
 [272000.]
 [135000.]
 [289950.]
 [300000.]]
Predicted value: 231400.0


query set: [ 0.01345102  0.00775643  0.00602491  0.0041744   0.0007493   0.
  0.          0.0116321   0.01216718  0.00481545  0.          0.01327108
  0.          0.01349053 -0.01347087  0.01478799  0.00202813]
distances: [0.00857008 0.06960937 0.00428091 … 0.01747527 0.02079119
0.01355326]
sorted indices: [5015 4791 4887 … 1107 5226 2486]
selected indices: [5015 4791 4887 1901 4180 4151    2  905 1220 2824]
selected outputs: [[450000.]
 [235000.]
 [250000.]
 [450000.]
 [319950.]
 [580000.]
 [180000.]
 [122000.]
 [255000.]
 [500000.]]
Predicted value: 334195.0


query set: [ 0.01345102  0.00775643  0.01807473  0.01204613  0.00160518  0.
  0.          0.0116321   0.01390535  0.00928693  0.01714151  0.01331884
  0.          0.0134834  -0.01346922  0.00745829  0.00045349]
distances: [0.0220979  0.067611   0.02517402 … 0.020367   0.02281382
0.01831386]
sorted indices: [5315 4113 3646 … 1107 5226 2486]
selected indices: [5315 4113 3646 1467 1285   40 2704 1600  264 2592]
selected outputs: [[749950.]
 [528000.]
 [579000.]
```

```
 [730000.]
 [479990.]
 [453246.]
 [472217.]
 [580000.]
 [253000.]
 [419990.]]
Predicted value: 524539.3

query set: [ 0.01345102  0.02326928  0.02108718  0.026418    0.00367683  0.
  0.          0.0116321   0.01564352  0.02063763  0.03658562  0.01365317
  0.          0.01343809 -0.0134504   0.0175527   0.00229624]
distances: [0.04825613 0.07432947 0.05046112 … 0.04143296 0.0397555
0.04458573]
sorted indices: [4742   46 1232 … 1107 5226 2486]
selected indices: [4742   46 1232 5243 3698 4611  638 5450  614  504]
selected outputs: [[ 839000.]
 [ 650000.]
 [2048000.]
 [1500000.]
 [ 380000.]
 [ 915557.]
 [ 640000.]
 [1350000.]
 [ 650000.]
 [1715000.]]
Predicted value: 1068755.7

query set: [ 0.01345102  0.01551285  0.01506227  0.0142526   0.00134835  0.
  0.          0.0116321   0.01564352  0.0147903   0.00614024  0.01312779
  0.          0.01346965 -0.01346295  0.01800277  0.00212953]
distances: [0.01820723 0.06725718 0.01988015 … 0.00831178 0.00698874
0.01305924]
sorted indices: [ 987 2244 5506 … 1107 5226 2486]
selected indices: [ 987 2244 5506 4514 5133 1939 5414 1275 4421 3596]
selected outputs: [[ 978500.]
 [ 800000.]
 [ 589999.]
 [1325000.]
 [ 571000.]
 [ 640000.]
 [ 375500.]
 [ 540000.]
 [ 842500.]
 [ 664000.]]
Predicted value: 732649.9

query set: [ 0.01345102  0.01163464  0.01506227  0.010436    0.00154001  0.
```

```
   0.          0.01550947  0.01216718  0.01203862  0.          0.01358494
   0.          0.01348894 -0.01344985  0.01125173  0.00174135]
distances: [0.01144674 0.06767805 0.01544518 … 0.00721472 0.01079292 0.0051714
]
sorted indices: [ 220  707 4362 … 1107 5226 2486]
selected indices: [ 220  707 4362 2143 4506 4947 3379 1661 1009 2025]
selected outputs: [[408200.]
 [275000.]
 [250000.]
 [245000.]
 [295000.]
 [289000.]
 [280000.]
 [254000.]
 [282500.]
 [432100.]]
Predicted value: 301080.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00769283  0.00262447  0.
   0.          0.01550947  0.01216718  0.00564095  0.01202464  0.01331884
   0.          0.01347033 -0.01345051  0.01369496  0.00347905]
distances: [0.01425245 0.06793199 0.01453588 … 0.01831891 0.0205338
0.01591283]
sorted indices: [ 967 3121  476 … 1107 5226 2486]
selected indices: [ 967 3121  476  809   70 3207 1311 3541 1829 1341]
selected outputs: [[510000.]
 [197400.]
 [249000.]
 [680000.]
 [235000.]
 [520000.]
 [279950.]
 [235500.]
 [204000.]
 [368000.]]
Predicted value: 347885.0


query set: [ 0.01345102  0.01551285  0.01355605  0.0144315   0.00254486  0.
   0.          0.01550947  0.01216718  0.0096309   0.02609604  0.01346212
   0.          0.01350673 -0.0134657   0.01363067  0.00312047]
distances: [0.02917463 0.06885931 0.03077275 … 0.02748068 0.02788618
0.02776399]
sorted indices: [4932  846  283 … 1107 5226 2486]
selected indices: [4932  846  283 3412  496 4770 3112 1222  841 2174]
selected outputs: [[721000.]
 [400000.]
 [465000.]
 [793000.]
```

```
 [485000.]
 [360000.]
 [335000.]
 [475000.]
 [555000.]
 [437850.]]
Predicted value: 502685.0


query set: [ 0.01345102  0.01939106  0.0165685   0.01866554  0.00303379  0.
  0.          0.01550947  0.01390535  0.01086915  0.03965574  0.01346212
  0.          0.01337992 -0.01347021  0.01221616  0.00365063]
distances: [0.0438301   0.07352947 0.04586293 … 0.041327    0.0410077
0.04199164]
sorted indices: [  17 3763 1768 … 1107 2486 5226]
selected indices: [  17 3763 1768 1751 1551  558 3514 4898 3518 4302]
selected outputs: [[345000.]
 [290000.]
 [707000.]
 [540000.]
 [541125.]
 [765000.]
 [465000.]
 [655000.]
 [300000.]
 [725000.]]
Predicted value: 533312.5


query set: [ 0.01345102  0.01551285  0.01054359  0.0142526   0.0056878   0.
  0.          0.01550947  0.01390535  0.01644131  0.          0.01340072
  0.          0.01345503 -0.01345194  0.01536665  0.00435236]
distances: [0.0154823   0.06787366 0.01835983 … 0.00847102 0.0076439
0.01359441]
sorted indices: [4124  146 2588 … 1107 5226 2486]
selected indices: [4124  146 2588  106 2904 2434 2894 1003 4968 2472]
selected outputs: [[1058000.]
 [ 318888.]
 [ 605000.]
 [ 799000.]
 [ 875000.]
 [ 350000.]
 [ 825000.]
 [ 375000.]
 [ 557000.]
 [ 479950.]]
Predicted value: 624283.8


query set: [ 0.01345102  0.01163464  0.00903736  0.0098993   0.00192622  0.
  0.          0.0116321   0.01216718  0.01141949  0.          0.01321649
```

```
    0.          0.01347353 -0.01347208   0.01054448   0.00243375]
distances: [0.00565171 0.06775666 0.01197327 … 0.00931725 0.01253071
0.00687206]
sorted indices: [2400 1032 1892 … 1107 5226 2486]
selected indices: [2400 1032 1892 1773  587 1092 4134  766 1678 1796]
selected outputs: [[325000.]
 [441000.]
 [499100.]
 [303100.]
 [390000.]
 [926300.]
 [365000.]
 [273500.]
 [267500.]
 [419900.]]
Predicted value: 421040.0


query set: [ 0.01345102  0.01551285   0.01355605   0.01270211   0.00231146  0.
  0.          0.0116321    0.01216718   0.01465272  0.          0.0134553
  0.          0.01349454 -0.01344644   0.01279482   0.0029205 ]
distances: [0.01283311 0.06748221 0.01721157 … 0.0050877  0.00624731
0.00825263]
sorted indices: [ 467 2681 1392 … 1107 5226 2486]
selected indices: [ 467 2681 1392 4464 3800 2451  105 1946 3325  685]
selected outputs: [[279000.]
 [400000.]
 [515000.]
 [500000.]
 [220000.]
 [450000.]
 [389000.]
 [566000.]
 [260000.]
 [369990.]]
Predicted value: 394899.0


query set: [ 0.01345102  0.01163464   0.01355605   0.0165187    0.01853824  0.
  0.          0.0116321    0.01390535   0.01905541  0.          0.013544
  0.          0.01351145 -0.01344159   0.0174884    0.01896906]
distances: [0.03009808 0.07147173 0.02994851 … 0.02427651 0.02400065
0.02925059]
sorted indices: [3709 2364 3505 … 1107 5226 2486]
selected indices: [3709 2364 3505 1454 1367 2659 2464 4291 3960 1104]
selected outputs: [[770000.]
 [510000.]
 [695000.]
 [600000.]
 [680000.]
```

```
 [575000.]
 [450000.]
 [524000.]
 [483500.]
 [864000.]]
Predicted value: 615150.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01920225  0.00164371  0.
  0.          0.0116321   0.01564352  0.01664769  0.02046748  0.01364635
  0.          0.01344595 -0.01345766  0.01138032  0.0031152 ]
distances: [0.02751225 0.06764831 0.03114878 … 0.02193443 0.02146194
0.02421419]
sorted indices: [ 331 2325 3841 … 1107 5226 2486]
selected indices: [ 331 2325 3841 3446 1541 2941 3258 1286 5026 5434]
selected outputs: [[ 735000.]
 [ 883000.]
 [ 635000.]
 [ 635000.]
 [ 525000.]
 [ 880000.]
 [1300000.]
 [ 607000.]
 [1059500.]
 [ 775000.]]
Predicted value: 803450.0


query set: [ 0.01345102  0.01551285  0.01958096  0.02039493  0.00160903  0.
  0.          0.0116321   0.01738169  0.01602856  0.02788694  0.01370094
  0.          0.01349929 -0.01342596  0.01491658  0.00221674]
distances: [0.03584116 0.06970127 0.03801848 … 0.02953938 0.02886956 0.0318194
]
sorted indices: [3801 5332 5489 … 1107 5226 2486]
selected indices: [3801 5332 5489 4358 5488 4776   89 3258 2837  787]
selected outputs: [[ 799000.]
 [ 999950.]
 [1010800.]
 [ 429900.]
 [1050000.]
 [ 946000.]
 [ 580000.]
 [1300000.]
 [1105000.]
 [1130000.]]
Predicted value: 935065.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00745429  0.00147356  0.
  0.          0.0116321   0.01042901  0.00667283  0.00716362  0.0129845
  0.          0.01348337 -0.01346394  0.01176609  0.00165495]
```

```
distances: [0.00819603 0.06801725 0.01071714 … 0.01646408 0.01916682
0.01301036]
sorted indices: [ 893 3998  745 … 1107 5226 2486]
selected indices: [ 893 3998  745 1848  271 4678 3269 1554 4049 1602]
selected outputs: [[372220.]
 [508300.]
 [265000.]
 [280000.]
 [260000.]
 [530100.]
 [235000.]
 [345000.]
 [325000.]
 [240000.]]
Predicted value: 336062.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00459184  0.00277247  0.
  0.          0.00775473  0.01042901  0.00529699  0.          0.01331201
  0.          0.0134358  -0.01346735  0.00713681  0.00350298]
distances: [0.00718349 0.0695711  0.01106593 … 0.01919533 0.02284948
0.01390405]
sorted indices: [1150 1347 2155 … 1107 5226 2486]
selected indices: [1150 1347 2155 2456 4222 3257  326 2084 2073 2252]
selected outputs: [[100000.]
 [ 99000.]
 [140000.]
 [275000.]
 [338500.]
 [370000.]
 [277000.]
 [180000.]
 [212000.]
 [264950.]]
Predicted value: 225645.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00560563  0.0013689   0.
  0.          0.01938684  0.01216718  0.00646646  0.          0.01329837
  0.          0.01344256 -0.01346955  0.01048018  0.00181396]
distances: [0.00915726 0.06948932 0.01096334 … 0.01799966 0.02132206
0.01384788]
sorted indices: [ 940 2654  196 … 1107 5226 2486]
selected indices: [ 940 2654  196 1803 1428  668 3617 4433 1138 3701]
selected outputs: [[460000.]
 [447000.]
 [565000.]
 [445000.]
 [235000.]
 [205500.]
```

```
 [140000.]
 [416000.]
 [315000.]
 [195000.]]
Predicted value: 342350.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01449114  0.0027317   0.
  0.          0.0116321   0.01564352  0.01671648  0.          0.01359176
  0.          0.01345387 -0.01342696  0.01774559  0.00345146]
distances: [0.01799771 0.06789009 0.01994796 … 0.00568294 0.00217474
0.01270552]
sorted indices: [3596 4072 1177 … 1107 5226 2486]
selected indices: [3596 4072 1177 1000 1388 1760 4403 3026 4213 5414]
selected outputs: [[664000.]
 [640000.]
 [390000.]
 [600000.]
 [540000.]
 [635000.]
 [379000.]
 [372000.]
 [620000.]
 [375500.]]
Predicted value: 521550.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00691758  0.00273009  0.
  0.          0.01550947  0.01216718  0.00797988  0.          0.01329837
  0.          0.01350054 -0.01346042  0.00848702  0.00344944]
distances: [0.00568415 0.06884613 0.0105812  … 0.01601613 0.01958667
0.01190634]
sorted indices: [3870 4604  138 … 1107 5226 2486]
selected indices: [3870 4604  138 2009  608 3097 3593 1837 4751 4789]
selected outputs: [[345000.]
 [244000.]
 [300000.]
 [315000.]
 [254000.]
 [339000.]
 [325000.]
 [555500.]
 [560000.]
 [180000.]]
Predicted value: 341750.0

query set: [ 0.01345102  0.01551285  0.02108718  0.01604163  0.00197887  0.
  0.          0.0116321   0.01564352  0.01850508  0.          0.01366
  0.          0.01346168 -0.01342497  0.01871002  0.00202813]
distances: [0.02334704 0.06847002 0.02499104 … 0.00927599 0.00672046
```

0.01578733]
sorted indices: [5369 4212 616 … 1107 5226 2486]
selected indices: [5369 4212 616 351 5383 5423 5095 5245 5483 2523]
selected outputs: [[395000.]
 [740000.]
 [449950.]
 [735000.]
 [395950.]
 [380000.]
 [515000.]
 [572000.]
 [531155.]
 [784950.]]
Predicted value: 549900.5

query set: [0.01345102 0.01551285 0.01506227 0.01389479 0.00458729 0.
  0.   0.01550947 0.01390535 0.01602856 0.   0.01349624
  0.   0.01345959 -0.01344424 0.01420933 0.00520133]
distances: [0.01648814 0.06773073 0.01967588 … 0.00683546 0.00630325
0.01188225]
sorted indices: [3911 1361 2782 … 1107 5226 2486]
selected indices: [3911 1361 2782 2894 1975 1653 106 2472 959 2749]
selected outputs: [[660000.]
 [520000.]
 [305000.]
 [825000.]
 [615000.]
 [355000.]
 [799000.]
 [479950.]
 [586000.]
 [998000.]]
Predicted value: 614295.0

query set: [0.01345102 0.01939106 0.01506227 0.01431223 0.00144338 0.
  0.   0.0116321   0.01216718 0.01651011 0.   0.01367364
  0.   0.01339669 -0.01344181 0.01208757 0.00175189]
distances: [0.01666735 0.06781047 0.02179729 … 0.00844479 0.00678056
0.01155251]
sorted indices: [4992 2295 916 … 1107 5226 2486]
selected indices: [4992 2295 916 5337 901 665 2694 2753 725 1263]
selected outputs: [[349900.]
 [259875.]
 [335000.]
 [270500.]
 [502500.]
 [337500.]
 [302000.]

```
 [316000.]
 [534000.]
 [572000.]]
Predicted value: 377927.5


query set: [ 0.01345102  0.01551285  0.01054359  0.01568382  0.0030964   0.
  0.          0.01550947  0.01564352  0.01809232  0.          0.01339389
  0.          0.01344666 -0.01345304  0.01729552  0.00423432]
distances: [0.01782156 0.06806382 0.02026285 … 0.00877562 0.0065063
0.01516986]
sorted indices: [4721 1521  106 … 1107 5226 2486]
selected indices: [4721 1521  106 2749 2904 2894 1003 4155 4124 2472]
selected outputs: [[ 808000.]
 [ 925000.]
 [ 799000.]
 [ 998000.]
 [ 875000.]
 [ 825000.]
 [ 375000.]
 [ 817000.]
 [1058000.]
 [ 479950.]]
Predicted value: 795995.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01168833  0.00235962  0.
  0.          0.01550947  0.01216718  0.00935573  0.01535061  0.01343483
  0.          0.01341581 -0.01344611  0.01221616  0.00298134]
distances: [0.02072264 0.06762494 0.0237958  … 0.01905125 0.01921167 0.0183614
]
sorted indices: [1662 1740 3487 … 1107 5226 2486]
selected indices: [1662 1740 3487 1448 4023 4019  155 3891 2516 3717]
selected outputs: [[330000.]
 [509500.]
 [272000.]
 [472000.]
 [518000.]
 [330000.]
 [671500.]
 [425000.]
 [450000.]
 [335000.]]
Predicted value: 431300.0


query set: [ 0.01345102  0.01939106  0.01506227  0.02534458  0.0065623   0.
  0.01700788  0.01550947  0.01911985  0.01712923  0.04502845  0.01353718
  0.          0.01347262 -0.01345117  0.02327501  0.00661331]
distances: [0.05652067 0.07961565 0.05701868 … 0.0517453  0.05054054
0.05459839]
```

```
sorted indices: [2790 3475  215 … 1107 5226 2486]
selected indices: [2790 3475  215 1737 3764 4652 1916 2077 4429 4029]
selected outputs: [[1582500.]
 [ 818500.]
 [2250000.]
 [1060000.]
 [1260000.]
 [ 605000.]
 [ 860000.]
 [ 865000.]
 [1802750.]
 [ 570000.]]
Predicted value: 1167375.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01162869  0.0027805   0.
  0.          0.01550947  0.01390535  0.01341446  0.          0.01341436
  0.          0.01338071 -0.01346779  0.01253764  0.0035695 ]
distances: [0.01191111 0.06756728 0.01546408 … 0.00571403 0.00882169
0.00734195]
sorted indices: [ 997 1375 1098 … 1107 5226 2486]
selected indices: [ 997 1375 1098  811 2675 3884 1295 1880 3379 1610]
selected outputs: [[675000.]
 [890000.]
 [450000.]
 [299000.]
 [347500.]
 [334000.]
 [479000.]
 [325000.]
 [280000.]
 [306500.]]
Predicted value: 438600.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01705541  0.00181642  0.
  0.05102365  0.0116321   0.01738169  0.01465272  0.01867657  0.0131892
  0.          0.01347313 -0.01347296  0.01735981  0.00211777]
distances: [0.05719068 0.08477466 0.05799661 … 0.05479826 0.05450315
0.05588204]
sorted indices: [ 523 2687 1936 … 1107 5226 2486]
selected indices: [ 523 2687 1936 4814 2139 4695 1495 3758 3720 4208]
selected outputs: [[ 830000.]
 [ 901000.]
 [1445000.]
 [1298888.]
 [ 871000.]
 [1230000.]
 [ 695000.]
 [ 635000.]
```

```
 [1442500.]
 [1260000.]]
Predicted value: 1060838.8


query set: [ 0.01345102  0.01163464  0.00602491  0.00870661  0.00350379  0.
  0.          0.01550947  0.01216718  0.01004365  0.          0.0133666
  0.          0.01341985 -0.01344699  0.00958004  0.00337237]
distances: [0.00514656 0.06834197 0.01162904 … 0.0135437  0.01625703
0.01085386]
sorted indices: [3512 4141 3341 … 1107 5226 2486]
selected indices: [3512 4141 3341 4179 3339  983 2775 3298  771 3177]
selected outputs: [[479000.]
 [299000.]
 [240000.]
 [380500.]
 [370000.]
 [410000.]
 [201000.]
 [295000.]
 [479000.]
 [445000.]]
Predicted value: 359850.0


query set: [ 0.01345102  0.01939106  0.01958096  0.03106948  0.01148186  0.
  0.06803154  0.01938684  0.01738169  0.0339833   0.00690777  0.01303909
  0.          0.01344677 -0.01347164  0.01665256  0.00415766]
distances: [0.08009686 0.09987984 0.08183834 … 0.07467082 0.07351129
0.07774182]
sorted indices: [5165 4857 5180 … 1107 5226 2486]
selected indices: [5165 4857 5180 1817 5348 5220 2880 4192 3319 3734]
selected outputs: [[1789950.]
 [3800000.]
 [3204000.]
 [ 995000.]
 [1149000.]
 [1138990.]
 [1400000.]
 [ 950000.]
 [1260000.]
 [1465000.]]
Predicted value: 1715194.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01228467  0.00326173  0.
  0.          0.01550947  0.01390535  0.00921814  0.01842073  0.01342119
  0.          0.01351038 -0.01345931  0.01491658  0.00453732]
distances: [0.02212918 0.06759915 0.02282613 … 0.02015922 0.02135457
0.02044544]
sorted indices: [3005 3942 4022 … 1107 5226 2486]
```

```
selected indices: [3005 3942 4022 3161 3860 1030 2698 1113 4345 4405]
selected outputs: [[750000.]
 [210000.]
 [465000.]
 [485000.]
 [678700.]
 [359950.]
 [730000.]
 [507000.]
 [503000.]
 [739000.]]
Predicted value: 542765.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00912405  0.00160518  0.
  0.03401577  0.0116321   0.01216718  0.00701679  0.01304802  0.01329154
  0.          0.01348476 -0.01346757  0.00983723  0.00202813]
distances: [0.03680924 0.07550619 0.03810476 … 0.03830248 0.0394614
0.03697017]
sorted indices: [4156 4158 2337 … 1107 5226 2486]
selected indices: [4156 4158 2337 4633  132 4051 2660  579 1838 3671]
selected outputs: [[525000.]
 [490000.]
 [304000.]
 [449500.]
 [460000.]
 [294950.]
 [650000.]
 [340000.]
 [485000.]
 [573300.]]
Predicted value: 457175.0

query set: [ 0.01345102  0.01163464  0.01355605  0.01270211  0.00282512  0.
  0.          0.0116321   0.01390535  0.0087366   0.02200254  0.01349624
  0.          0.01340059 -0.01344644  0.01260194  0.00327542]
distances: [0.02437697 0.0679222  0.02587843 … 0.02324667 0.02446033 0.0228743
]
sorted indices: [1511 2631  718 … 1107 5226 2486]
selected indices: [1511 2631  718 3478 1077 2926 1479 1430 2727 1874]
selected outputs: [[490000.]
 [535000.]
 [248000.]
 [265000.]
 [432500.]
 [268000.]
 [570000.]
 [558000.]
 [420000.]
```

```
 [343000.]]
Predicted value: 412950.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01496821  0.00220006  0.
  0.03401577  0.0116321   0.01564352  0.01726682  0.          0.01368729
  0.          0.01339259 -0.01342828  0.0218605   0.00282518]
distances: [0.03985566 0.07642815 0.03997049 … 0.03511591 0.03448647
0.03751774]
sorted indices: [2643 1021 3120 … 1107 5226 2486]
selected indices: [2643 1021 3120 4895 2398 4844  813 3196 1917 3790]
selected outputs: [[ 979700.]
 [ 725000.]
 [ 589000.]
 [ 865000.]
 [ 465000.]
 [ 485000.]
 [1901000.]
 [ 735000.]
 [ 527900.]
 [ 740000.]]
Predicted value: 801260.0


query set: [ 0.01345102  0.00775643  0.01355605  0.0165187   0.0038152   0.
  0.05102365  0.01550947  0.01390535  0.01080036  0.03070122  0.01343483
  0.          0.01343645 -0.01348012  0.01485228  0.00693497]
distances: [0.06162277 0.08677603 0.06183173 … 0.0602987  0.06080323
0.06091143]
sorted indices: [1105 1963 3082 … 1107 5226 2486]
selected indices: [1105 1963 3082 1481 2748 2461  286 4080 1648 3560]
selected outputs: [[402000.]
 [472000.]
 [597000.]
 [759000.]
 [725000.]
 [460000.]
 [790000.]
 [655000.]
 [545000.]
 [940000.]]
Predicted value: 634500.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01467004  0.00235962  0.
  0.          0.0116321   0.01564352  0.01692286  0.          0.01357129
  0.          0.01337884 -0.01346636  0.01536665  0.0034754 ]
distances: [0.01708603 0.06769312 0.02027774 … 0.00482998 0.00150902 0.0115126
]
sorted indices: [1878 4963  651 … 1107 5226 2486]
selected indices: [1878 4963  651 4213 4627 3684 3026 5525   13 4774]
```

```
selected outputs: [[650000.]
 [369000.]
 [661000.]
 [620000.]
 [645000.]
 [359800.]
 [372000.]
 [610685.]
 [625000.]
 [388000.]]
Predicted value: 530048.5


query set: [ 0.01345102  0.01551285  0.01506227  0.02200506  0.00368164  0.
  0.          0.0116321   0.01911985  0.02538429  0.          0.01355765
  0.          0.01345345 -0.01343807  0.02166762  0.00436088]
distances: [0.02907606 0.06976992 0.03070997 … 0.01634531 0.01273511
0.02437199]
sorted indices: [ 680 3119 2260 … 1107 5226 2486]
selected indices: [ 680 3119 2260  538 4090 2876 3455 3756 3553 5480]
selected outputs: [[980000.]
 [820000.]
 [920000.]
 [884250.]
 [833000.]
 [950000.]
 [965000.]
 [740000.]
 [762300.]
 [914500.]]
Predicted value: 876905.0


query set: [ 0.01345102  0.01939106  0.01807473  0.01467004  0.0023243   0.
  0.          0.0116321   0.01564352  0.01265775  0.0158623   0.01358494
  0.          0.01344742 -0.01344875  0.01626679  0.00319835]
distances: [0.02464997 0.06769439 0.0267873  … 0.01837851 0.01727687
0.02027481]
sorted indices: [4153 1298 5299 … 1107 5226 2486]
selected indices: [4153 1298 5299 1632   87 5059 2342  253 1850  270]
selected outputs: [[332100.]
 [470000.]
 [540000.]
 [445000.]
 [467000.]
 [489500.]
 [525000.]
 [700000.]
 [599950.]
 [283000.]]
```

```
Predicted value: 485155.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01484894  0.00223859  0.
  0.          0.01550947  0.01390535  0.01025002  0.02558435  0.01332566
  0.          0.01347655 -0.01347296  0.01144462  0.00227637]
distances: [0.02860306 0.06866739 0.03109305 … 0.02697548 0.02735058
0.02699573]
sorted indices: [3412 4770 2240 … 1107 5226 2486]
selected indices: [3412 4770 2240 2213  283  846 4932  841 3112 1222]
selected outputs: [[793000.]
 [360000.]
 [630000.]
 [525000.]
 [465000.]
 [400000.]
 [721000.]
 [555000.]
 [335000.]
 [475000.]]
Predicted value: 525900.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0161609   0.00210536  0.
  0.          0.0116321   0.01564352  0.01864266  0.          0.01362588
  0.          0.01341501 -0.01343994  0.01742411  0.00309695]
distances: [0.01952519 0.06793473 0.0219643  … 0.00654363 0.00222611
0.01415119]
sorted indices: [4098 2524 3427 … 1107 5226 2486]
selected indices: [4098 2524 3427 5071 3101 1805  356  214  444  696]
selected outputs: [[560000.]
 [352000.]
 [585000.]
 [610360.]
 [340000.]
 [419900.]
 [690000.]
 [370000.]
 [550000.]
 [405000.]]
Predicted value: 488226.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00715612  0.00200648  0.
  0.          0.0116321   0.01042901  0.00632887  0.00716362  0.01325743
  0.          0.01343637 -0.01346438  0.00822984  0.00380274]
distances: [0.00774775 0.06812307 0.01270674 … 0.0177472  0.02059096 0.0134992
]
sorted indices: [4408 1848 3269 … 1107 5226 2486]
selected indices: [4408 1848 3269 1157 4270  636 3834 3998  271 2411]
selected outputs: [[460000.]
```

```
 [280000.]
 [235000.]
 [345000.]
 [150000.]
 [294000.]
 [194000.]
 [508300.]
 [260000.]
 [197200.]]
Predicted value: 292350.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00983966  0.00228064  0.
  0.          0.0116321   0.01390535  0.0113507   0.          0.01327108
  0.0663412   0.01349174 -0.01346911  0.01112314  0.00288156]
distances: [0.0668255   0.01237177 0.06760404 … 0.06674482 0.06721135
0.06649884]
sorted indices: [3842 2521  442 … 1107 5226 2486]
selected indices: [3842 2521  442 4402 4315 2970 4797 2256 1596 1358]
selected outputs: [[370000.]
 [487000.]
 [561000.]
 [485000.]
 [465000.]
 [355000.]
 [536000.]
 [289900.]
 [670000.]
 [185850.]]
Predicted value: 440475.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00733502  0.00280907  0.
  0.          0.0116321   0.01042901  0.00846143  0.          0.01340754
  0.          0.01338464 -0.01346471  0.00790836  0.00354922]
distances: [0.00251151 0.06857617 0.01116498 … 0.01519074 0.01824099
0.01093846]
sorted indices: [1343 1623 1163 … 1107 5226 2486]
selected indices: [1343 1623 1163  980  720 4225  249 4642 4240 1764]
selected outputs: [[294950.]
 [144000.]
 [263000.]
 [120000.]
 [145600.]
 [205000.]
 [185000.]
 [158000.]
 [305000.]
 [272000.]]
Predicted value: 209255.0
```

```
query set: [ 0.01345102  0.01939106  0.01355605  0.01789029  0.00446208  0.
  0.          0.01550947  0.01390535  0.02063763  0.          0.01347577
  0.          0.01347251 -0.0134395   0.0145951   0.00436574]
distances: [0.02136764 0.06830502 0.0253497  … 0.0115346  0.00819799
0.01761128]
sorted indices: [3456 4167 1866 … 1107 5226 2486]
selected indices: [3456 4167 1866 4308 3899 2540 3053 3191  828 4446]
selected outputs: [[ 382000.]
 [ 779000.]
 [ 294000.]
 [ 730000.]
 [ 757500.]
 [ 359999.]
 [ 498500.]
 [ 648000.]
 [1306000.]
 [ 960000.]]
Predicted value: 671499.9


query set: [ 0.01345102  0.01551285  0.02108718  0.02278031  0.00569679  0.
  0.03401577  0.0116321   0.01390535  0.01678527  0.0353064   0.01333931
  0.          0.0134498  -0.01346042  0.01620249  0.00391023]
distances: [0.05519776 0.07989594 0.05633654 … 0.05061947 0.05019776
0.05254157]
sorted indices: [5378  464 4312 … 1107 5226 2486]
selected indices: [5378  464 4312 4867  595 3138 5309 4029  100 3554]
selected outputs: [[664950.]
 [975000.]
 [675000.]
 [925000.]
 [555000.]
 [870000.]
 [770000.]
 [570000.]
 [795000.]
 [439000.]]
Predicted value: 723895.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00918368  0.00338533  0.
  0.          0.01550947  0.01042901  0.01059398  0.          0.01349624
  0.          0.01341815 -0.01340186  0.00990152  0.00405625]
distances: [0.00751532 0.06793181 0.01256779 … 0.01092481 0.01420431
0.00828251]
sorted indices: [3380 2187 2973 … 1107 5226 2486]
selected indices: [3380 2187 2973 1166 2652 3909 3537  259 1926 3331]
selected outputs: [[235000.]
 [314950.]
```

```
 [216000.]
 [270000.]
 [330000.]
 [320000.]
 [593777.]
 [234000.]
 [345000.]
 [225000.]]
Predicted value: 308372.7


query set: [ 0.01345102  0.01551285  0.01506227  0.01490858  0.00263731  0.
  0.         0.0116321   0.01390535  0.01719803  0.          0.01357812
  0.         0.01340891 -0.0134504   0.01517376  0.00316428]
distances: [0.01699008 0.06762004 0.02019524 … 0.00460599 0.00227061
0.01154192]
sorted indices: [4774 3590 5322 … 1107 5226 2486]
selected indices: [4774 3590 5322 3824  305   96 3574 2725 5433  568]
selected outputs: [[388000.]
 [412950.]
 [386000.]
 [360000.]
 [510000.]
 [552250.]
 [885000.]
 [340000.]
 [400000.]
 [340000.]]
Predicted value: 457420.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01419297  0.00637578  0.
  0.         0.01550947  0.01390535  0.01637252  0.          0.01361223
  0.         0.01344089 -0.01344699  0.01575242  0.00414549]
distances: [0.01715637 0.06777348 0.01877937 … 0.00646856 0.00758755
0.01259198]
sorted indices: [2157  117 3930 … 1107 5226 2486]
selected indices: [2157  117 3930 2478  161  147 1200 4512  528 3400]
selected outputs: [[649950.]
 [380000.]
 [699000.]
 [643403.]
 [370000.]
 [375000.]
 [921000.]
 [590000.]
 [505000.]
 [720000.]]
Predicted value: 585335.3
```

query set: [0.01345102 0.01551285 0.01054359 0.01669761 0.02894753 0.
  0.   0.0116321   0.01216718 0.01926179 0.   0.01319602
  0.0663078   0.01343945 -0.01340912 0.0102873   0.01103057]
distances: [0.07392651 0.03035757 0.07480895 … 0.07274121 0.07262584
0.07412811]
sorted indices: [3498 3539 1109 … 1107 5226 2486]
selected indices: [3498 3539 1109 4598 2441 3934 891 2304 288 2830]
selected outputs: [[531500.]
 [810000.]
 [620000.]
 [400000.]
 [808000.]
 [365000.]
 [1008000.]
 [667000.]
 [675000.]
 [450000.]]
Predicted value: 633450.0

query set: [0.01345102 0.01551285 0.02108718 0.0255533   0.00307135 0.
  0.01700788 0.01938684 0.01738169 0.02397405 0.02046748 0.0132779
  0.   0.01347424 -0.01347296 0.0190315   0.00279962]
distances: [0.04173788 0.07232   0.04352633 … 0.03267623 0.03117914
0.03713999]
sorted indices: [1605 1167 1761 … 1107 5226 2486]
selected indices: [1605 1167 1761 5446 5250 788 561 2077 625 2834]
selected outputs: [[1965221.]
 [1130000.]
 [1395000.]
 [2351956.]
 [2950000.]
 [870000.]
 [700000.]
 [865000.]
 [350000.]
 [450000.]]
Predicted value: 1302717.7

query set: [0.01345102 0.00775643 0.00602491 0.00703685 0.00231146 0.
  0.   0.01550947 0.01042901 0.00811747 0.   0.01329837
  0.   0.01350368 -0.01346559 0.00758688 0.0029205]
distances: [0.00589942 0.06887499 0.01131148 … 0.01649872 0.02019139
0.01217964]
sorted indices: [4789 608 149 … 1107 5226 2486]
selected indices: [4789 608 149 3870 2009 3593 4604 4715 138 3796]
selected outputs: [[180000.]
 [254000.]
 [215000.]

```
 [345000.]
 [315000.]
 [325000.]
 [244000.]
 [285000.]
 [300000.]
 [395000.]]
Predicted value: 285800.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00500928  0.00409321  0.
  0.          0.0116321   0.01042901  0.00577854  0.          0.01313461
  0.          0.01342916 -0.01345117  0.00951575  0.0028268 ]
distances: [0.00582901 0.06926802 0.00805937 … 0.01760663 0.02128044 0.0129428
]
sorted indices: [4272 3434 1786 … 1107 5226 2486]
selected indices: [4272 3434 1786 4801 4619  860 4395 4347 2697 2234]
selected outputs: [[150000.]
 [295000.]
 [261000.]
 [200000.]
 [150000.]
 [100000.]
 [285000.]
 [305000.]
 [198000.]
 [235000.]]
Predicted value: 217900.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00691758  0.01035374  0.
  0.          0.0116321   0.01042901  0.00398994  0.01483892  0.01339389
  0.06680887  0.0133923  -0.01342123  0.00745829  0.01365172]
distances: [0.07015735 0.02176879 0.07035765 … 0.07227908 0.07327787
0.07152349]
sorted indices: [4136 4105 3087 … 1107 5226 2486]
selected indices: [4136 4105 3087 2826 3064 2081 1397  742 1118  240]
selected outputs: [[248500.]
 [257000.]
 [250000.]
 [315000.]
 [501000.]
 [186000.]
 [530000.]
 [230000.]
 [468000.]
 [287653.]]
Predicted value: 327315.3

query set: [ 0.01345102  0.01939106  0.0165685   0.01305991  0.00407299  0.
```

```
    0.          0.01938684   0.01216718   0.00942452   0.02097917   0.01349624
    0.          0.01351179  -0.01345623   0.0146594    0.00437426]
distances: [0.02748771 0.06872198 0.02913109 … 0.02477466 0.02463467
0.02517204]
sorted indices: [1843 3497 1492 … 1107 5226 2486]
selected indices: [1843 3497 1492  258 3187 1586 1860 4606 1740 3225]
selected outputs: [[525000.]
 [610000.]
 [395000.]
 [550000.]
 [515000.]
 [480000.]
 [366000.]
 [446950.]
 [509500.]
 [835000.]]
Predicted value: 523245.0


query set: [ 0.01345102   0.01163464   0.00903736   0.00846807   0.00291533   0.
  0.          0.01550947   0.01042901   0.00976848   0.          0.01357812
  0.          0.01334737  -0.01342784   0.00700822   0.00341131]
distances: [0.00608444 0.06823211 0.01357518 … 0.01354097 0.01674301
0.00931734]
sorted indices: [2038 3331 3639 … 1107 5226 2486]
selected indices: [2038 3331 3639 1365 3729 2632 3623 2194 2964 3703]
selected outputs: [[249950.]
 [225000.]
 [167000.]
 [215000.]
 [274000.]
 [150000.]
 [295000.]
 [244900.]
 [185000.]
 [417000.]]
Predicted value: 242285.0


query set: [ 0.01345102   0.00775643   0.00602491   0.0081699    0.00371888   0.
  0.          0.01550947   0.01042901   0.00942452   0.          0.01330519
  0.          0.01341173  -0.0134602    0.00855131   0.00324987]
distances: [0.00637502 0.0686055  0.01118146 … 0.01524002 0.01887454
0.01208289]
sorted indices: [ 149 4397 4604 … 1107 5226 2486]
selected indices: [ 149 4397 4604 3890  608 3870 4789 4005 2310  138]
selected outputs: [[215000.]
 [390000.]
 [244000.]
 [325000.]
```

```
 [254000.]
 [345000.]
 [180000.]
 [546000.]
 [226800.]
 [300000.]]
Predicted value: 302580.0


query set: [ 0.01345102  0.00775643  0.01506227  0.01192686  0.00165334  0.
  0.06803154  0.0116321   0.01564352  0.01375842  0.          0.01359176
  0.          0.01349183 -0.01345249  0.0161382   0.00275825]
distances: [0.06963994 0.09605791 0.0697655  … 0.06822748 0.06863725
0.06863416]
sorted indices: [4795 5203 2378 … 1107 5226 2486]
selected indices: [4795 5203 2378 4701  838  472 1714 1817 3861 3319]
selected outputs: [[ 490000.]
 [ 580000.]
 [ 780000.]
 [ 822500.]
 [ 921000.]
 [ 550000.]
 [ 969000.]
 [ 995000.]
 [ 715000.]
 [1260000.]]
Predicted value: 808250.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00655977  0.00240777  0.
  0.          0.0116321   0.01216718  0.00756713  0.          0.01331201
  0.          0.01349689 -0.01346383  0.01234476  0.00289981]
distances: [0.00549585 0.06879748 0.00626906 … 0.01480277 0.01834548
0.01144203]
sorted indices: [2147 4786 1904 … 1107 5226 2486]
selected indices: [2147 4786 1904 4151 5015  798  541 1220 1457 2529]
selected outputs: [[285000.]
 [502501.]
 [625000.]
 [580000.]
 [450000.]
 [450000.]
 [192500.]
 [255000.]
 [404500.]
 [649000.]]
Predicted value: 439350.1


query set: [ 0.01345102  0.01163464  0.01054359  0.00882588  0.00278242  0.
  0.          0.01938684  0.01216718  0.00509062  0.01893242  0.01333248
```

```
  0.          0.01345399 -0.01344291   0.0102873    0.00431747]
distances: [0.02142872 0.06862418 0.02298219 … 0.02446708 0.02634221
0.02217124]
sorted indices: [2412  337  495 … 1107 5226 2486]
selected indices: [2412  337  495 2014  735 3530 4065 3354 3693  342]
selected outputs: [[353900.]
 [317000.]
 [375000.]
 [369950.]
 [420000.]
 [475000.]
 [215000.]
 [641000.]
 [615000.]
 [532500.]]
Predicted value: 431435.0

query set: [ 0.01345102   0.01551285   0.01506227   0.01288101   0.00219107  0.
  0.          0.0116321    0.01390535   0.0148591    0.          0.01360541
  0.          0.01340854 -0.01344996   0.01298771   0.00285357]
distances: [0.01410618 0.06752082 0.01832255 … 0.00436858 0.00493481
0.00813921]
sorted indices: [4576 3476  741 … 1107 5226 2486]
selected indices: [4576 3476  741  645 2739 1879 5318 2622 4139 4831]
selected outputs: [[610000.]
 [333000.]
 [380000.]
 [545000.]
 [545000.]
 [272000.]
 [383000.]
 [260000.]
 [545000.]
 [497000.]]
Predicted value: 437000.0

query set: [ 0.01345102   0.01163464   0.01506227   0.0121654    0.00148544  0.
  0.          0.0116321    0.01390535   0.01403359   0.          0.01359176
  0.          0.01347228 -0.01343983   0.01433792   0.00182531]
distances: [0.01338407 0.0675175   0.0160511   … 0.00218914 0.00642196 0.0066754
]
sorted indices: [5189 5219  224 … 1107 5226 2486]
selected indices: [5189 5219  224 1420  569 5302 2685  679 3166 1460]
selected outputs: [[324747.]
 [339989.]
 [470000.]
 [463000.]
 [612000.]
```

```
 [345500.]
 [545000.]
 [259000.]
 [433500.]
 [368250.]]
Predicted value: 416098.6


query set: [ 0.01345102  0.01163464  0.00903736  0.00942222  0.00324247  0.
  0.          0.01550947  0.01216718  0.01086915  0.          0.01338025
  0.          0.01341736 -0.01344919  0.01060877  0.00406923]
distances: [0.00682244 0.06794642 0.0120235  … 0.01072297 0.01369217 0.0086898
]
sorted indices: [ 774 1884 1416 … 1107 5226 2486]
selected indices: [ 774 1884 1416 3804 2699 2973 2652 1437 2187 1794]
selected outputs: [[219950.]
 [242000.]
 [357500.]
 [458000.]
 [266200.]
 [216000.]
 [330000.]
 [419000.]
 [314950.]
 [470000.]]
Predicted value: 329360.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01264247  0.00321711  0.
  0.          0.01550947  0.01390535  0.00846143  0.02277007  0.01348259
  0.          0.01345124 -0.0134428   0.01729552  0.00413048]
distances: [0.02702699 0.06850603 0.02679556 … 0.02445724 0.02533318
0.02502702]
sorted indices: [4728 1030 2836 … 1107 5226 2486]
selected indices: [4728 1030 2836 2847 3089 3348 1528  657 3216 4022]
selected outputs: [[705640.]
 [359950.]
 [530000.]
 [825000.]
 [555000.]
 [481000.]
 [464625.]
 [785000.]
 [627500.]
 [465000.]]
Predicted value: 579871.5


query set: [ 0.01345102  0.01551285  0.01204982  0.00948186  0.00331663  0.
  0.          0.01550947  0.01216718  0.01093795  0.          0.01334613
  0.          0.01349796 -0.01346449  0.00900138  0.00382667]
```

```
distances: [0.00922356 0.06793734 0.01557642 … 0.01079448 0.01279553
0.00789654]
sorted indices: [3073  574 1056 … 1107 5226 2486]
selected indices: [3073  574 1056 1647  597 1573  715 2347 3956  431]
selected outputs: [[440000.]
 [205000.]
 [571900.]
 [525000.]
 [230000.]
 [287000.]
 [330000.]
 [304000.]
 [400000.]
 [331500.]]
Predicted value: 362440.0

query set: [ 0.01345102  0.01551285  0.01204982  0.01013783  0.00699217  0.
  0.          0.01550947  0.01042901  0.00742955  0.0158623   0.01323696
  0.          0.01347013 -0.01343983  0.01330919  0.00488941]
distances: [0.01966472 0.06785645 0.02080402 … 0.02042128 0.02156747
0.01969708]
sorted indices: [3003 4006 1922 … 1107 5226 2486]
selected indices: [3003 4006 1922 5007 4675 4238 2065  965 4091 2816]
selected outputs: [[402000.]
 [635000.]
 [379900.]
 [171000.]
 [445000.]
 [430000.]
 [336500.]
 [414250.]
 [507000.]
 [268500.]]
Predicted value: 398915.0

query set: [ 0.01345102  0.01551285  0.00903736  0.0100782   0.00301485  0.
  0.          0.0116321   0.01216718  0.00887418  0.01023374  0.01337342
  0.          0.01350263 -0.01346416  0.01144462  0.00380882]
distances: [0.01226458 0.06726299 0.01602417 … 0.01517417 0.01658375
0.01351568]
sorted indices: [ 426 3952 1944 … 1107 5226 2486]
selected indices: [ 426 3952 1944  681 4896 1134 3030 3232 1035 4973]
selected outputs: [[272750.]
 [525000.]
 [345000.]
 [356500.]
 [179000.]
 [239900.]
```

```
  [429950.]
  [606150.]
  [405000.]
  [289950.]]
Predicted value: 364920.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00894515  0.00231146  0.
  0.          0.0116321   0.01216718  0.01031882  0.          0.01335295
  0.          0.0135114  -0.01346504  0.01060877  0.00299838]
distances: [0.00579926 0.0678173  0.01144065 … 0.00945084 0.01287154
0.00580745]
sorted indices: [4894 1726 2201 … 1107 5226 2486]
selected indices: [4894 1726 2201 3545 1411 1023  475 1032 3502 1075]
selected outputs: [[424500.]
 [220000.]
 [195000.]
 [383000.]
 [334000.]
 [244000.]
 [260000.]
 [441000.]
 [345000.]
 [167000.]]
Predicted value: 301350.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01049564  0.00269671  0.
  0.          0.0116321   0.01216718  0.00729196  0.01790904  0.01338707
  0.          0.01338441 -0.0134635   0.00822984  0.00341334]
distances: [0.01967002 0.06773779 0.02334758 … 0.02165729 0.02298968
0.01939577]
sorted indices: [1391 3694 1871 … 1107 5226 2486]
selected indices: [1391 3694 1871 2738  752 1601  746 1509 1785 4386]
selected outputs: [[355000.]
 [548000.]
 [605000.]
 [385000.]
 [220000.]
 [250000.]
 [313000.]
 [285000.]
 [424500.]
 [279000.]]
Predicted value: 366450.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00667904  0.00269895  0.
  0.          0.01938684  0.01042901  0.00770472  0.          0.01355765
  0.          0.01335028 -0.01342861  0.00803695  0.0035119 ]
distances: [0.00813132 0.06916133 0.01323401 … 0.01757274 0.02037018
```

```
0.01360065]
sorted indices: [ 139 1897 3296 … 1107 5226 2486]
selected indices: [ 139 1897 3296   169 1867 3906 3032 2321 4444 3557]
selected outputs: [[288000.]
 [330000.]
 [350000.]
 [218000.]
 [485000.]
 [387000.]
 [206990.]
 [220000.]
 [219500.]
 [235000.]]
Predicted value: 293949.0


query set: [ 0.01345102  0.01163464  0.00903736  0.01109198  0.00566308  0.
  0.          0.01550947  0.01216718  0.01279533  0.          0.01341436
  0.          0.01342916 -0.01344016  0.01195898  0.00722824]
distances: [0.01062095 0.0679368  0.01389102 … 0.01069797 0.01301867
0.01182526]
sorted indices: [3727 1247 4527 … 1107 5226 2486]
selected indices: [3727 1247 4527 2101 4741 4645 4601 3804 2088 3664]
selected outputs: [[275000.]
 [572000.]
 [475000.]
 [285000.]
 [339000.]
 [369300.]
 [240000.]
 [458000.]
 [330000.]
 [260000.]]
Predicted value: 360330.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01252321  0.00136023  0.
  0.          0.0116321   0.01390535  0.01444634  0.          0.01368729
  0.          0.0134026  -0.0134471   0.01350208  0.00185573]
distances: [0.01393866 0.06757267 0.01794743 … 0.00436207 0.00506088
0.00761254]
sorted indices: [5031 4993 5061 … 1107 5226 2486]
selected indices: [5031 4993 5061 2481  645 5318 2608 5188 2735 4576]
selected outputs: [[493000.]
 [578000.]
 [349900.]
 [601000.]
 [545000.]
 [383000.]
 [295000.]
```

```
 [540000.]
 [345000.]
 [610000.]]
Predicted value: 473990.0


query set: [ 0.01345102   0.00775643   0.00602491   0.00518819   0.00128415   0.
  0.03401577   0.0116321    0.01216718   0.00598491   0.           0.01330519
  0.           0.01345297  -0.01346911   0.01086596   0.0016225 ]
distances: [0.0344365   0.07709035 0.03480259 … 0.03786874 0.03957797
0.03600006]
sorted indices: [ 422 4438 3812 … 1107 5226 2486]
selected indices: [ 422 4438 3812 4557 2518 1139  532 1800 3304 2419]
selected outputs: [[169317.]
 [407500.]
 [397000.]
 [306000.]
 [503000.]
 [530000.]
 [320000.]
 [750000.]
 [580000.]
 [400000.]]
Predicted value: 436281.7


query set: [ 0.01345102   0.01163464   0.01807473   0.01449114   0.00337088   0.
  0.           0.01550947   0.01390535   0.0147903    0.00716362   0.01353036
  0.           0.01336521  -0.01346229   0.01073737   0.00397513]
distances: [0.01801292 0.06688724 0.02174921 … 0.00985856 0.0116011
0.01198487]
sorted indices: [ 369 2938 3515 … 1107 5226 2486]
selected indices: [ 369 2938 3515 3002 4271 4578  973 5001  419 1110]
selected outputs: [[ 799000.]
 [1065000.]
 [ 355000.]
 [ 490000.]
 [ 449000.]
 [ 455000.]
 [ 525000.]
 [ 530000.]
 [ 667500.]
 [ 477590.]]
Predicted value: 581309.0


query set: [ 0.01345102   0.01163464   0.01054359   0.00870661   0.00250408   0.
  0.           0.00775473   0.01216718   0.00715438   0.01074543   0.01350306
  0.           0.01337811  -0.01346999   0.00842272   0.00319024]
distances: [0.01248934 0.0675131   0.01649743 … 0.0169787   0.01957364
0.01337013]
```

sorted indices: [2811 3500 3453 … 1107 5226 2486]
selected indices: [2811 3500 3453 2012 2457 974 4267 3327 4999   47]
selected outputs: [[186000.]
 [402000.]
 [274000.]
 [250000.]
 [453000.]
 [347500.]
 [459500.]
 [315275.]
 [415000.]
 [370000.]]
Predicted value: 347227.5

query set: [0.01345102 0.01551285 0.01054359 0.0121654   0.0029927   0.
  0.   0.0116321   0.01390535 0.00990606 0.01535061 0.01348942
  0.   0.01350752 -0.01346075 0.01228046 0.0040668]
distances: [0.01793381 0.06719589 0.02085195 … 0.01776204 0.01848464
0.01748144]
sorted indices: [1547 721 883 … 1107 5226 2486]
selected indices: [1547 721 883 3308 2044 3989 2442 2619 2738 1825]
selected outputs: [[555000.]
 [450000.]
 [325000.]
 [455000.]
 [278100.]
 [725000.]
 [367500.]
 [562000.]
 [385000.]
 [300000.]]
Predicted value: 440260.0

query set: [0.01345102 0.01551285 0.02108718 0.02337665 0.0030675   0.
  0.   0.0116321   0.01564352 0.02696651 0.   0.01367364
  0.   0.0134845 -0.0134307   0.02520387 0.00348756]
distances: [0.03397881 0.07090888 0.03459037 … 0.01988929 0.01679776
0.02792012]
sorted indices: [4305 1256 4502 … 1107 5226 2486]
selected indices: [4305 1256 4502 862 1076 1921 5141 5405 2589 4095]
selected outputs: [[920000.]
 [1050000.]
 [825000.]
 [762000.]
 [688000.]
 [1146800.]
 [1060000.]
 [882990.]

```
 [ 790000.]
 [1925000.]]
Predicted value: 1004979.0


query set: [ 0.01345102  0.01939106  0.02409964  0.02218396  0.00487975  0.
  0.          0.0116321   0.01738169  0.02559066  0.          0.01368047
  0.          0.01346072 -0.01343081  0.0263612   0.00772148]
distances: [0.03609296 0.07180153 0.03651421 … 0.0224807  0.01894299
0.02992388]
sorted indices: [2705 4517 4269 … 1107 5226 2486]
selected indices: [2705 4517 4269 1616 5399 1327 4095 4502  921 1076]
selected outputs: [[ 959900.]
 [ 635000.]
 [1017100.]
 [ 870000.]
 [ 950000.]
 [ 852500.]
 [1925000.]
 [ 825000.]
 [1288000.]
 [ 688000.]]
Predicted value: 1001050.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01663797  0.00325049  0.
  0.          0.01938684  0.01390535  0.019193    0.          0.013544
  0.          0.01345209 -0.01345216  0.01652397  0.00410695]
distances: [0.02424586 0.06867929 0.02644284 … 0.01195711 0.01049497
0.01756013]
sorted indices: [ 297  529 2032 … 1107 5226 2486]
selected indices: [ 297  529 2032 4564  453 4758 1665 4042  803 3904]
selected outputs: [[ 660000.]
 [ 940000.]
 [ 432000.]
 [ 415000.]
 [ 372000.]
 [1325000.]
 [1350000.]
 [ 778000.]
 [1400000.]
 [ 574950.]]
Predicted value: 824695.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01437187  0.00192622  0.
  0.          0.01938684  0.01390535  0.00969969  0.02558435  0.01330519
  0.          0.01348196 -0.01347186  0.01131603  0.00243375]
distances: [0.03012571 0.06910359 0.03245925 … 0.02790382 0.02833361
0.02771887]
sorted indices: [ 477  211 4730 … 1107 5226 2486]
```

```
selected indices: [ 477   211  4730  3643  3412  3225   875   290   289   102]
selected outputs: [[824500.]
 [760000.]
 [680000.]
 [405000.]
 [793000.]
 [835000.]
 [697000.]
 [550000.]
 [360000.]
 [315000.]]
Predicted value: 621950.0

query set: [ 0.01345102   0.00775643   0.00602491   0.0041744    0.00234453   0.
  0.           0.01938684   0.00869084   0.00481545   0.           0.01332566
  0.           0.01343181  -0.01344622   0.00617238   0.00245809]
distances: [0.01061307 0.07015068 0.01389418 … 0.0214417  0.02501617
0.01618816]
sorted indices: [2089 4307 3270 … 1107 5226 2486]
selected indices: [2089 4307 3270 1754  593 2371 2825  790 3701 3244]
selected outputs: [[222900.]
 [191000.]
 [285950.]
 [280000.]
 [250000.]
 [275000.]
 [299000.]
 [415000.]
 [195000.]
 [191000.]]
Predicted value: 260485.0

query set: [ 0.01345102   0.01551285   0.01807473   0.02099128   0.00157147   0.
  0.           0.0116321    0.01390535   0.01362084   0.0393999    0.01333248
  0.           0.01348114  -0.01346768   0.01009441   0.00087331]
distances: [0.04410085 0.07316015 0.04659558 … 0.04072511 0.04066797
0.04157664]
sorted indices: [4898 1561 1191 … 1107 5226 2486]
selected indices: [4898 1561 1191 1054 4216   17    7  558  658 3514]
selected outputs: [[ 655000.]
 [ 390000.]
 [ 538000.]
 [ 373000.]
 [ 439000.]
 [ 345000.]
 [ 662500.]
 [ 765000.]
 [1600000.]
```

```
 [ 465000.]]
Predicted value: 623250.0


query set: [ 0.01345102  0.01551285  0.01204982  0.01592236  0.00104016  0.
  0.          0.01550947  0.01564352  0.012245    0.02277007  0.01316873
  0.          0.01345746 -0.01346031  0.0117018   0.0016225 ]
distances: [0.02652404 0.06809578 0.02957583 … 0.02423545 0.02431782
0.02480059]
sorted indices: [2213 1530 3412 … 1107 5226 2486]
selected indices: [2213 1530 3412 2292 2852 4634  841 3864 4979 3814]
selected outputs: [[ 525000.]
 [1325000.]
 [ 793000.]
 [ 552500.]
 [ 770000.]
 [ 700000.]
 [ 555000.]
 [ 480000.]
 [ 771000.]
 [1105000.]]
Predicted value: 757650.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01490858  0.00178753  0.
  0.          0.01938684  0.01564352  0.01719803  0.          0.01299815
  0.          0.01346926 -0.01346229  0.01806706  0.00225852]
distances: [0.0204269  0.06832018 0.02156443 … 0.00907301 0.00903132
0.01471011]
sorted indices: [4042  773 3930 … 1107 5226 2486]
selected indices: [4042  773 3930 4512  529 4257 2478 2640  117 3197]
selected outputs: [[778000.]
 [716000.]
 [699000.]
 [590000.]
 [940000.]
 [890000.]
 [643403.]
 [395000.]
 [380000.]
 [412000.]]
Predicted value: 644340.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01753249  0.003333    0.
  0.          0.01550947  0.01564352  0.02022488  0.          0.01358494
  0.          0.0134431  -0.01344457  0.01916009  0.00427813]
distances: [0.02231773 0.06838645 0.02404889 … 0.00986846 0.00661459
0.01752356]
sorted indices: [4666 2724 4446 … 1107 5226 2486]
selected indices: [4666 2724 4446 3130 4461 3238 2387 4155 3174 4628]
```

```
selected outputs: [[ 469900.]
 [ 795000.]
 [ 960000.]
 [1199500.]
 [ 870000.]
 [ 690000.]
 [ 790000.]
 [ 817000.]
 [ 627250.]
 [ 515500.]]
Predicted value: 773415.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01210577  0.00260039  0.
  0.          0.0116321   0.01216718  0.00791109  0.02251423  0.01346212
  0.          0.01350167 -0.01344842  0.01138032  0.0032738 ]
distances: [0.02527029 0.06820164 0.02743712 … 0.02446064 0.02531414
0.02356286]
sorted indices: [2587  781 2431 … 1107 5226 2486]
selected indices: [2587  781 2431 4636 4608 1141  596 1306 1482 2365]
selected outputs: [[462000.]
 [595000.]
 [250600.]
 [346500.]
 [220000.]
 [466000.]
 [264900.]
 [436000.]
 [440000.]
 [733000.]]
Predicted value: 421400.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00995893  0.00317826  0.
  0.          0.01550947  0.01390535  0.01148828  0.          0.01335295
  0.          0.01346055 -0.01344688  0.01549524  0.0035695 ]
distances: [0.01044983 0.06795751 0.01156752 … 0.00834949 0.01081061
0.00926762]
sorted indices: [ 944 3566 3126 … 1107 5226 2486]
selected indices: [ 944 3566 3126 3954 2506  420 1642 2580 1943 1863]
selected outputs: [[312500.]
 [681000.]
 [359950.]
 [320900.]
 [490000.]
 [549500.]
 [595000.]
 [800000.]
 [299900.]
 [263000.]]
```

```
Predicted value: 467175.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00918368  0.00042569  0.
  0.          0.0116321   0.01390535  0.0095621   0.00383765  0.01361223
  0.          0.01347489 -0.01346911  0.01080166  0.00064576]
distances: [0.01075221 0.06742242 0.01491098 … 0.0094535  0.01273039
0.00407471]
sorted indices: [ 945 5072 5496 … 1107 5226 2486]
selected indices: [ 945 5072 5496 4740 1590 5346 5233 5033 5365 4333]
selected outputs: [[416000.]
 [436110.]
 [453000.]
 [413450.]
 [670000.]
 [526000.]
 [415000.]
 [425000.]
 [379500.]
 [389999.]]
Predicted value: 452405.9


query set: [ 0.01345102  0.01551285  0.01204982  0.01300028  0.00282512  0.
  0.          0.01938684  0.01216718  0.00804868  0.02584019  0.01348942
  0.          0.01339624 -0.01343301  0.01048018  0.0035695 ]
distances: [0.02865162 0.06926577 0.03090409 … 0.02884705 0.02956761
0.02813228]
sorted indices: [1033  102 2384 … 1107 5226 2486]
selected indices: [1033  102 2384 3084 5006 2236 1569  289  290 1680]
selected outputs: [[550000.]
 [315000.]
 [560000.]
 [320000.]
 [724950.]
 [380000.]
 [289950.]
 [360000.]
 [550000.]
 [453000.]]
Predicted value: 450290.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01645907  0.00257311  0.
  0.          0.01550947  0.01390535  0.01100674  0.02967784  0.01337342
  0.          0.01349745 -0.01346064  0.0029576   0.00730125]
distances: [0.03457573 0.07056084 0.03906659 … 0.03386259 0.03399339
0.03327274]
sorted indices: [2161 3928   42 … 1107 5226 2486]
selected indices: [2161 3928   42  437 2150 3547  581 2068  315 4770]
selected outputs: [[380000.]
```

```
 [320000.]
 [452000.]
 [445000.]
 [549950.]
 [315000.]
 [403500.]
 [440000.]
 [274700.]
 [360000.]]
Predicted value: 394015.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01353699  0.00369192  0.
  0.          0.0116321   0.01390535  0.01059398  0.01867657  0.01342119
  0.          0.01349276 -0.01345447  0.01298771  0.00442862]
distances: [0.0228944   0.06741729 0.02515339 … 0.01999536 0.02042015
0.02046921]
sorted indices: [4399  179 1632 … 1107 5226 2486]
selected indices: [4399  179 1632  542   38 4285 1553  738 4011 2619]
selected outputs: [[518000.]
 [496500.]
 [445000.]
 [800000.]
 [260000.]
 [546800.]
 [603000.]
 [500000.]
 [277500.]
 [562000.]]
Predicted value: 500880.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01353699  0.00369192  0.
  0.          0.0116321   0.01390535  0.01059398  0.01867657  0.01342119
  0.          0.01349276 -0.01345447  0.01298771  0.00442862]
distances: [0.0228944   0.06741729 0.02515339 … 0.01999536 0.02042015
0.02046921]
sorted indices: [4399  179 1632 … 1107 5226 2486]
selected indices: [4399  179 1632  542   38 4285 1553  738 4011 2619]
selected outputs: [[518000.]
 [496500.]
 [445000.]
 [800000.]
 [260000.]
 [546800.]
 [603000.]
 [500000.]
 [277500.]
 [562000.]]
Predicted value: 500880.0
```

```
query set: [ 0.01345102  0.00387821  0.00602491  0.00828917  0.01957808  0.
  0.          0.0116321   0.01042901  0.0095621   0.          0.01337342
  0.          0.01350868 -0.01341727  0.01041589  0.00982627]
distances: [0.02103387 0.0711999  0.02019511 … 0.02467403 0.02737759
0.02470044]
sorted indices: [2377  370 4736 … 1107 5226 2486]
selected indices: [2377  370 4736 1755 2140  612 4060 2345   97 3850]
selected outputs: [[329000.]
 [350000.]
 [475000.]
 [223000.]
 [400000.]
 [175000.]
 [129000.]
 [299000.]
 [320000.]
 [500000.]]
Predicted value: 320000.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01174796  0.00163729  0.
  0.          0.0116321   0.01216718  0.00777351  0.02149085  0.01301862
  0.06563971  0.01348546 -0.01346966  0.00803695  0.00165495]
distances: [0.06938326 0.01453224 0.0704322  … 0.07001766 0.0706263
0.06938841]
sorted indices: [3826 1397 1118 … 1107 5226 2486]
selected indices: [3826 1397 1118  663  708 3245  742  996 4974  408]
selected outputs: [[645000.]
 [530000.]
 [468000.]
 [385000.]
 [375000.]
 [538000.]
 [230000.]
 [515000.]
 [872500.]
 [776500.]]
Predicted value: 533500.0

query set: [ 0.01345102  0.01551285  0.01807473  0.01538565  0.00176923  0.
  0.          0.0116321   0.01390535  0.01774836  0.          0.01363953
  0.          0.01341349 -0.01344831  0.01292342  0.0022715 ]
distances: [0.01855713 0.06767461 0.02265197 … 0.00590602 0.00481813
0.01139138]
sorted indices: [2863 5409 2366 … 1107 5226 2486]
selected indices: [2863 5409 2366 4600 2615 3713 3533 5314 1186 3938]
selected outputs: [[425000.]
 [525000.]
```

```
 [379000.]
 [409950.]
 [426950.]
 [310000.]
 [705000.]
 [399963.]
 [412000.]
 [575000.]]
Predicted value: 456786.3


query set: [ 0.01345102  0.01163464  0.0165685   0.02009676  0.00447172  0.
  0.          0.0116321   0.01564352  0.01822991  0.01842073  0.01355083
  0.          0.01338874 -0.01344963  0.01382355  0.00569822]
distances: [0.0279506   0.06756758 0.03035533 … 0.0203404   0.02014603
0.02414647]
sorted indices: [3784 3446 1286 … 1107 5226 2486]
selected indices: [3784 3446 1286 5434 3544 3140 1382 5143 1541 1170]
selected outputs: [[ 915000.]
 [ 635000.]
 [ 607000.]
 [ 775000.]
 [ 870000.]
 [ 499000.]
 [ 550000.]
 [ 550000.]
 [ 525000.]
 [1015000.]]
Predicted value: 694100.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01252321  0.00462132  0.
  0.          0.0116321   0.01216718  0.0078423   0.02456097  0.01353036
  0.          0.01351069 -0.01346284  0.01176609  0.00352894]
distances: [0.02818924 0.06895957 0.03045662 … 0.02730289 0.02747541
0.02675014]
sorted indices: [2306   123 4276 … 1107 5226 2486]
selected indices: [2306   123 4276   781 4170 1141 1425 4775 4606 1970]
selected outputs: [[455000.]
 [475000.]
 [482000.]
 [595000.]
 [427000.]
 [466000.]
 [750000.]
 [534000.]
 [446950.]
 [325000.]]
Predicted value: 495595.0
```

```
query set: [ 0.01345102  0.00775643  0.00602491  0.00351842  0.00351374  0.
  0.          0.0116321   0.00869084  0.00405873  0.          0.01353036
  0.          0.01338741 -0.01343158  0.01298771  0.00615739]
distances: [0.00964186 0.06989139 0.00587545 … 0.01944619 0.02292582
0.01574133]
sorted indices: [3858 4478  281 … 1107 5226 2486]
selected indices: [3858 4478  281 3584 4791  334 1148 3134  541  905]
selected outputs: [[390000.]
 [220000.]
 [197500.]
 [152000.]
 [235000.]
 [250275.]
 [185000.]
 [345000.]
 [192500.]
 [122000.]]
Predicted value: 228927.5


query set: [ 0.01345102  0.01551285  0.01506227  0.01657834  0.00216282  0.
  0.          0.0116321   0.01564352  0.01912421  0.          0.01366
  0.          0.01345223 -0.01344137  0.01768129  0.00322472]
distances: [0.02010646 0.06799456 0.0224779  … 0.00707846 0.00290867
0.01480438]
sorted indices: [3101  356  444 … 1107 5226 2486]
selected indices: [3101  356  444 4098 1805 4020 5139 1827 2524 3427]
selected outputs: [[ 340000.]
 [ 690000.]
 [ 550000.]
 [ 560000.]
 [ 419900.]
 [ 440000.]
 [1035292.]
 [ 428900.]
 [ 352000.]
 [ 585000.]]
Predicted value: 540109.2


query set: [ 0.01345102  0.00775643  0.01355605  0.00954149  0.02581132  0.
  0.          0.01550947  0.01216718  0.01100674  0.          0.01349624
  0.          0.01341733 -0.01348353  0.0102873   0.0804817 ]
distances: [0.08242437 0.10557992 0.0815859  … 0.08232452 0.08279449
0.08404041]
sorted indices: [4365 1787 1212 … 1107 5226 2486]
selected indices: [4365 1787 1212  439  510 3309 1058 4385 1064 4451]
selected outputs: [[300000.]
 [310000.]
 [371000.]
```

```
 [510000.]
 [250000.]
 [201000.]
 [550000.]
 [545000.]
 [845000.]
 [600000.]]
Predicted value: 448200.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01288101  0.00283058  0.
  0.          0.0116321   0.01216718  0.01004365  0.01790904  0.01340754
  0.          0.01350707 -0.01346713  0.01208757  0.0035764 ]
distances: [0.02109751 0.0672987  0.02369243 … 0.01953411 0.02029797 0.0193763
]
sorted indices: [1825  738 1959 … 1107 5226 2486]
selected indices: [1825  738 1959 4399 2619 3685  179 1482 2442 3923]
selected outputs: [[300000.]
 [500000.]
 [340000.]
 [518000.]
 [562000.]
 [234500.]
 [496500.]
 [440000.]
 [367500.]
 [383000.]]
Predicted value: 414150.0


query set: [ 0.01345102  0.00775643  0.00903736  0.00852771  0.00052971  0.
  0.          0.0116321   0.01216718  0.00983727  0.          0.01363953
  0.          0.01349652 -0.01345986  0.00919427  0.00066928]
distances: [0.00583146 0.06817397 0.01145195 … 0.01209614 0.01616385
0.00745918]
sorted indices: [2999 2346 5421 … 1107 5226 2486]
selected indices: [2999 2346 5421   11  804 3929 3967 5193  236 1469]
selected outputs: [[299950.]
 [405000.]
 [374000.]
 [280000.]
 [375000.]
 [360000.]
 [455000.]
 [340000.]
 [430000.]
 [455000.]]
Predicted value: 377395.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00757356  0.00240777  0.
```

```
 0.          0.01550947  0.01216718  0.0087366   0.          0.01352353
 0.          0.01346722 -0.01343488  0.00822984  0.00304219]
distances: [0.00722941 0.06835687 0.01207169 … 0.01333607 0.01736101
0.00847482]
sorted indices: [4498 3743  200 … 1107 5226 2486]
selected indices: [4498 3743  200 3075 3183 3511 3078  729 2443 1301]
selected outputs: [[217500.]
 [379900.]
 [210000.]
 [401000.]
 [312000.]
 [168000.]
 [404500.]
 [149900.]
 [280000.]
 [255000.]]
Predicted value: 277780.0


query set: [ 0.01345102  0.01163464  0.01204982  0.0161609   0.00144466  0.
  0.          0.01550947  0.01390535  0.01293292  0.02123501  0.0131619
  0.          0.01348309 -0.01346042  0.01324489  0.00182531]
distances: [0.02517012 0.06765686 0.02729008 … 0.02217113 0.02287948
0.02334311]
sorted indices: [2292 2791 4634 … 1107 5226 2486]
selected indices: [2292 2791 4634 3005 2213 4902 1530  176  384 2852]
selected outputs: [[ 552500.]
 [ 665000.]
 [ 700000.]
 [ 750000.]
 [ 525000.]
 [ 685000.]
 [1325000.]
 [ 597500.]
 [ 355000.]
 [ 770000.]]
Predicted value: 692500.0


query set: [ 0.01345102  0.01551285  0.01204982  0.0121654   0.0026585   0.
  0.01700788  0.0116321   0.01216718  0.01403359  0.          0.01338025
  0.          0.01348145 -0.01344941  0.01645967  0.00335898]
distances: [0.02157072 0.06983491 0.02288767 … 0.01806093 0.01819583
0.01986812]
sorted indices: [1910 4719  825 … 1107 5226 2486]
selected indices: [1910 4719  825  876 1218 1265 1638 3397  877 1006]
selected outputs: [[ 320000.]
 [ 544000.]
 [ 600000.]
 [ 980000.]
```

```
[ 600000.]
[1000000.]
[ 647500.]
[1100000.]
[ 569000.]
[ 750000.]]
Predicted value: 711050.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00727539  0.00283058  0.
  0.          0.0116321   0.01216718  0.00839264  0.          0.01349624
  0.          0.01338026 -0.01347153  0.01285912  0.00325636]
distances: [0.00636794 0.06818337 0.00877203 … 0.01094757 0.01415379
0.00732628]
sorted indices: [ 619 1140 2499 … 1107 5226 2486]
selected indices: [ 619 1140 2499 1568 3158 2290  386 1691 1411  430]
selected outputs: [[242000.]
 [397500.]
 [306000.]
 [354000.]
 [263000.]
 [555000.]
 [390000.]
 [400000.]
 [334000.]
 [365000.]]
Predicted value: 360650.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00972039  0.00207036  0.
  0.          0.0116321   0.01216718  0.00901177  0.00818699  0.01355083
  0.          0.01349802 -0.01345348  0.01041589  0.00301339]
distances: [0.01164569 0.06703946 0.01527825 … 0.01218772 0.01509124
0.00916535]
sorted indices: [1450 3287 1655 … 1107 5226 2486]
selected indices: [1450 3287 1655 2581 2385 2480 2284 1099 2063 4206]
selected outputs: [[289950.]
 [269000.]
 [219950.]
 [245000.]
 [439000.]
 [260750.]
 [720000.]
 [580000.]
 [279000.]
 [385000.]]
Predicted value: 368765.0


query set: [ 0.01345102  0.01939106  0.02560587  0.02337665  0.00366367  0.
  0.          0.0116321   0.01216718  0.02696651  0.          0.01333931
```

```
    0.06697589  0.01345534 -0.01344457  0.00900138  0.00395484]
distances: [0.07455171 0.02293587 0.07682926 … 0.07016688 0.06959753
0.07180862]
sorted indices: [4698 1811 4646 … 1107 5226 2486]
selected indices: [4698 1811 4646 3980 1269  350 4278 3741 2968  193]
selected outputs: [[ 825000.]
 [ 460000.]
 [ 825000.]
 [ 500000.]
 [ 749000.]
 [ 430000.]
 [2500000.]
 [ 797000.]
 [1185000.]
 [ 452000.]]
Predicted value: 872300.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00661941  0.00255609  0.
  0.          0.0116321   0.01216718  0.00763592  0.          0.01338707
  0.          0.01343467 -0.01346757  0.00771547  0.00328313]
distances: [0.00165906 0.06872985 0.0111187  … 0.01565766 0.01862348
0.01076419]
sorted indices: [3152 1215 4119 … 1107 5226 2486]
selected indices: [3152 1215 4119 1417 3377  409 1195 3086 3648 1390]
selected outputs: [[164000.]
 [369950.]
 [400000.]
 [422000.]
 [210000.]
 [235000.]
 [190000.]
 [222000.]
 [326000.]
 [322500.]]
Predicted value: 286145.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0102571   0.00169507  0.
  0.          0.01550947  0.01390535  0.00619129  0.02097917  0.01325743
  0.          0.0134759  -0.01347208  0.0102873   0.00243375]
distances: [0.0222602  0.06833109 0.02429929 … 0.02437016 0.02599767
0.02238621]
sorted indices: [4388 3226  376 … 1107 5226 2486]
selected indices: [4388 3226  376 1060 4354 3897 4620 4352   90 1629]
selected outputs: [[423000.]
 [455000.]
 [652000.]
 [710000.]
 [655000.]
```

```
 [547500.]
 [505400.]
 [385000.]
 [725000.]
 [565000.]]
Predicted value: 562290.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00942222  0.00140582  0.
  0.          0.01550947  0.01390535  0.01086915  0.          0.01360541
  0.          0.01345331 -0.0134285   0.01138032  0.00169835]
distances: [0.00981168 0.06782784 0.0140168  … 0.00822398 0.01151991
0.00470867]
sorted indices: [1609 2924  572 … 1107 5226 2486]
selected indices: [1609 2924  572 2025 4947 2143 4111 2923 1661 1009]
selected outputs: [[440000.]
 [350000.]
 [275000.]
 [432100.]
 [289000.]
 [245000.]
 [439950.]
 [300000.]
 [254000.]
 [282500.]]
Predicted value: 330755.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00673868  0.00221772  0.
  0.          0.0116321   0.01042901  0.00777351  0.          0.01327108
  0.          0.01350297 -0.0134624   0.00739399  0.00280206]
distances: [0.00449376 0.0688472  0.01067007 … 0.01639995 0.02017912
0.01168148]
sorted indices: [1531 1702  684 … 1107 5226 2486]
selected indices: [1531 1702  684 2882 2165 1476 3926 2426 4568 2108]
selected outputs: [[249900.]
 [203000.]
 [230000.]
 [205000.]
 [225000.]
 [216500.]
 [320000.]
 [390000.]
 [115000.]
 [193000.]]
Predicted value: 234740.0


query set: [ 0.01345102  0.00775643  0.01054359  0.0102571   0.00096311  0.
  0.          0.01938684  0.01216718  0.00591612  0.02200254  0.01313461
  0.          0.01348628 -0.01346658  0.0087442   0.00182531]
```

distances: [0.02441158 0.06900011 0.02614896 … 0.0268887 0.02911012
0.02467003]
sorted indices: [508 850 4755 … 1107 5226 2486]
selected indices: [508 850 4755 735 3693 3865 2412 2212 3195 701]
selected outputs: [[725000.]
 [579000.]
 [355000.]
 [420000.]
 [615000.]
 [667500.]
 [353900.]
 [460000.]
 [677915.]
 [555000.]]
Predicted value: 540831.5

query set: [0.01345102 0.01163464 0.01506227 0.01186723 0.00243249 0.
  0.   0.0116321   0.01216718 0.01368963 0.   0.01357812
  0.   0.01337452 -0.01346658 0.01221616 0.00290103]
distances: [0.01224069 0.06742253 0.01586848 … 0.00399448 0.00817244
0.00598089]
sorted indices: [3568 3345 755 … 1107 5226 2486]
selected indices: [3568 3345 755 3438 3830 894   69 1998 2638 3328]
selected outputs: [[315000.]
 [279000.]
 [299950.]
 [528000.]
 [321000.]
 [277950.]
 [328000.]
 [299995.]
 [324000.]
 [530000.]]
Predicted value: 350289.5

query set: [0.01345102 0.01163464 0.01355605 0.01055527 0.00256829 0.
  0.   0.01550947 0.01216718 0.00928693 0.01074543 0.01348259
  0.   0.01350037 -0.01344666 0.01189469 0.0031943]
distances: [0.01459876 0.06704011 0.01698687 … 0.01390848 0.01625647
0.01245732]
sorted indices: [2933 1695 4635 … 1107 5226 2486]
selected indices: [2933 1695 4635 3582 1840 4226 3357 697 4966 3121]
selected outputs: [[580000.]
 [265000.]
 [475000.]
 [294000.]
 [550000.]
 [225000.]

```
 [609950.]
 [266000.]
 [620000.]
 [197400.]]
Predicted value: 408235.0

query set: [ 0.01345102  0.01551285  0.01958096  0.0144315   0.00128415  0.
  0.          0.01938684  0.01564352  0.01286412  0.01407139  0.01303909
  0.          0.013478   -0.01346372  0.0116375   0.0016225 ]
distances: [0.0235838   0.06760639 0.02690764 … 0.01774467 0.01792591
0.01832532]
sorted indices: [4792 4348 3157 … 1107 5226 2486]
selected indices: [4792 4348 3157 4578 4201 4211 3624 3587 2096  253]
selected outputs: [[740000.]
 [650000.]
 [661254.]
 [455000.]
 [592100.]
 [980000.]
 [760000.]
 [750000.]
 [675000.]
 [700000.]]
Predicted value: 696335.4

query set: [ 0.01345102  0.01939106  0.01807473  0.01383516  0.00269671  0.
  0.          0.0116321   0.01216718  0.01038761  0.02072332  0.01339389
  0.          0.0134498  -0.01346812  0.00771547  0.001947  ]
distances: [0.02622782 0.06817765 0.03036384 … 0.02403189 0.02425558
0.02314644]
sorted indices: [4088  158 3602 … 1107 5226 2486]
selected indices: [4088  158 3602 4513 4706 2657 2300 2306  767  198]
selected outputs: [[465000.]
 [442000.]
 [228950.]
 [559900.]
 [420000.]
 [449500.]
 [359999.]
 [455000.]
 [505000.]
 [350000.]]
Predicted value: 423534.9

query set: [ 0.01345102  0.01163464  0.0165685   0.01335809  0.00115573  0.
  0.          0.0116321   0.01216718  0.0113507   0.01509477  0.01297086
  0.          0.01346886 -0.01346383  0.01103312  0.00126555]
distances: [0.01992231 0.0669148  0.02281523 … 0.01631098 0.01803228
```

```
0.01596181]
sorted indices: [ 548 1285   40 … 1107 5226 2486]
selected indices: [ 548 1285   40 2704 1369 5315 2596  389  264 1407]
selected outputs: [[852000.]
 [479990.]
 [453246.]
 [472217.]
 [375000.]
 [749950.]
 [245000.]
 [270000.]
 [253000.]
 [266000.]]
Predicted value: 441640.3


query set: [ 0.01345102  0.01163464  0.01204982  0.01526638  0.00471281  0.
  0.          0.0116321   0.01390535  0.00914935  0.03146875  0.01355765
  0.          0.01347554 -0.01344093  0.01536665  0.0056171 ]
distances: [0.03410983 0.07032295 0.03456729 … 0.03262253 0.03321179
0.03336984]
sorted indices: [1431 3782 5106 … 1107 5226 2486]
selected indices: [1431 3782 5106 4986  728 4783  782  527 1238  210]
selected outputs: [[420000.]
 [459900.]
 [345000.]
 [299000.]
 [599950.]
 [465000.]
 [650000.]
 [875000.]
 [325000.]
 [824000.]]
Predicted value: 526285.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01914261  0.00273523  0.
  0.03401577  0.01550947  0.01216718  0.01245137  0.03581809  0.01348259
  0.          0.01351126 -0.01347065  0.01575242  0.0029854 ]
distances: [0.05290437 0.07949159 0.0538118  … 0.05019506 0.05011382
0.05124212]
sorted indices: [ 100 5378 4867 … 1107 5226 2486]
selected indices: [ 100 5378 4867  515 2922 4962 3554  595 4067 2862]
selected outputs: [[795000.]
 [664950.]
 [925000.]
 [635000.]
 [514500.]
 [936000.]
 [439000.]
```

```
 [555000.]
 [497300.]
 [435000.]]
Predicted value: 639675.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01192686  0.00295418  0.
  0.          0.01550947  0.01216718  0.01375842  0.          0.01359176
  0.          0.01339171 -0.01343422  0.01125173  0.00317483]
distances: [0.01270968 0.06751991 0.01671267 … 0.00611494 0.0095228
0.00718826]
sorted indices: [1610 2327 3884 … 1107 5226 2486]
selected indices: [1610 2327 3884  220 3379 4475 2574 4362 2675 1098]
selected outputs: [[306500.]
 [314000.]
 [334000.]
 [408200.]
 [280000.]
 [316000.]
 [319000.]
 [250000.]
 [347500.]
 [450000.]]
Predicted value: 332520.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00894515  0.00242703  0.
  0.          0.0116321   0.01216718  0.01031882  0.          0.01350306
  0.          0.01339032 -0.01346053  0.00964434  0.00306653]
distances: [0.00556503 0.06782816 0.01203933 … 0.00990441 0.01332215 0.0058213
]
sorted indices: [3545 2201 4894 … 1107 5226 2486]
selected indices: [3545 2201 4894 1548 4367 1796 1032 1023 1726 4134]
selected outputs: [[383000.]
 [195000.]
 [424500.]
 [247200.]
 [305000.]
 [419900.]
 [441000.]
 [244000.]
 [220000.]
 [365000.]]
Predicted value: 324460.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00983966  0.00128415  0.
  0.          0.01550947  0.01216718  0.00653525  0.01790904  0.01328472
  0.          0.01345127 -0.01346306  0.00681533  0.00166712]
distances: [0.01963418 0.06812843 0.02254965 … 0.02305913 0.02571674
0.02004878]
```

```
sorted indices: [4326 3862 1849 … 1107 5226 2486]
selected indices: [4326 3862 1849 4620  417 1160 4811 3267 1114 2537]
selected outputs: [[409000.]
 [467500.]
 [483000.]
 [505400.]
 [512000.]
 [345000.]
 [481000.]
 [485000.]
 [263500.]
 [539000.]]
Predicted value: 449040.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01341772  0.00237952  0.
  0.          0.01550947  0.01390535  0.01018123  0.01969995  0.01347577
  0.          0.0134181  -0.01344214  0.01330919  0.00309573]
distances: [0.02450185 0.06772962 0.02658127 … 0.02127508 0.02170845
0.02147868]
sorted indices: [4538  687  133 … 1107 5226 2486]
selected indices: [4538  687  133 4019 3015 1528 1720 4944 2363 3524]
selected outputs: [[592500.]
 [675000.]
 [295000.]
 [330000.]
 [590000.]
 [464625.]
 [224950.]
 [850000.]
 [610000.]
 [530000.]]
Predicted value: 516207.5


query set: [ 0.01345102  0.00775643  0.00602491  0.00930295  0.00325049  0.
  0.          0.01550947  0.01216718  0.00777351  0.01100127  0.01333248
  0.          0.01350404 -0.01346141  0.01080166  0.00410695]
distances: [0.01290342 0.06782379 0.01458924 … 0.01830522 0.02116684
0.01627955]
sorted indices: [3425 3667 4739 … 1107 5226 2486]
selected indices: [3425 3667 4739 2237  471   70 4492 3264 2242 4515]
selected outputs: [[215000.]
 [445434.]
 [450000.]
 [510000.]
 [367500.]
 [235000.]
 [253000.]
 [399950.]
```

```
 [235000.]
 [515000.]]
Predicted value: 362588.4


query set: [ 0.01345102  0.00775643  0.00602491  0.00548636  0.00121352  0.
  0.          0.0116321   0.01042901  0.00632887  0.          0.01303226
  0.          0.01347825 -0.01346625  0.01009441  0.00107085]
distances: [0.00527246 0.06913491 0.00808614 … 0.01680511 0.02052879
0.01187845]
sorted indices: [4612 4813 4462 … 1107 5226 2486]
selected indices: [4612 4813 4462 3061 3237 2367 1739 2824 3567 1651]
selected outputs: [[390000.]
 [405000.]
 [445000.]
 [325000.]
 [510000.]
 [412133.]
 [276000.]
 [500000.]
 [580000.]
 [405000.]]
Predicted value: 424813.3


query set: [ 0.01345102  0.01551285  0.01506227  0.01979859  0.002454    0.
  0.          0.0116321   0.01738169  0.02283898  0.          0.01361223
  0.          0.01344898 -0.01343961  0.02134614  0.00384208]
distances: [0.0258543  0.06903376 0.02729662 … 0.01291697 0.00920709
0.02097551]
sorted indices: [3447 4382 5391 … 1107 5226 2486]
selected indices: [3447 4382 5391 3275  103 3756 3004 2006 2864 3455]
selected outputs: [[806000.]
 [856500.]
 [450000.]
 [936000.]
 [730000.]
 [740000.]
 [589450.]
 [616000.]
 [746500.]
 [965000.]]
Predicted value: 743545.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01371589  0.00349288  0.
  0.          0.01550947  0.01216718  0.00818626  0.02839863  0.01338025
  0.          0.01349989 -0.01345458  0.01260194  0.0042185 ]
distances: [0.03138905 0.06956529 0.03290688 … 0.03008982 0.03062213
0.02994472]
sorted indices: [1222 3112 4932 … 1107 5226 2486]
```

```
selected indices: [1222 3112 4932  962 1575 2150  496 4866 2161 4770]
selected outputs: [[475000.]
 [335000.]
 [721000.]
 [525000.]
 [313100.]
 [549950.]
 [485000.]
 [299000.]
 [380000.]
 [360000.]]
Predicted value: 444305.0

query set: [ 0.01345102  0.01551285  0.00903736  0.01520675  0.00128415  0.
  0.          0.01550947  0.01216718  0.01210741  0.02021164  0.01314143
  0.          0.0134849  -0.01346295  0.01183039  0.0016225 ]
distances: [0.02326868 0.06771696 0.02633062 … 0.02239782 0.02280062
0.02288167]
sorted indices: [4634 2852 1705 … 1107 5226 2486]
selected indices: [4634 2852 1705 4640 4979 2172 4683  841 4908 4199]
selected outputs: [[700000.]
 [770000.]
 [602000.]
 [791000.]
 [771000.]
 [432000.]
 [494000.]
 [555000.]
 [534000.]
 [379000.]]
Predicted value: 602800.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00620197  0.00220231  0.
  0.          0.0116321   0.01042901  0.00715438  0.          0.01325061
  0.          0.0134371  -0.01346922  0.00662245  0.00264143]
distances: [0.00298323 0.06891827 0.01185628 … 0.01682788 0.01993965
0.01147638]
sorted indices: [2890  287 1518 … 1107 5226 2486]
selected indices: [2890  287 1518 2651 1764 2616  786  131 1969  249]
selected outputs: [[279000.]
 [325000.]
 [354000.]
 [242500.]
 [272000.]
 [208000.]
 [222000.]
 [330000.]
 [329000.]
```

```
  [185000.]]
Predicted value: 274650.0


query set: [ 0.01345102  0.02326928  0.0165685   0.01502785  0.01738733
0.15811388
  0.06803154  0.0116321   0.01216718  0.01733561  0.          0.01333248
  0.          0.0134328  -0.01346933  0.01793847  0.0108744 ]
distances: [0.17443269 0.18612913 0.17463105 … 0.17349983 0.17325095
0.17410082]
sorted indices: [3821   368 5113 … 1107 5226 2486]
selected indices: [3821   368 5113 2584 1011 1449 4115 3932 2320 1846]
selected outputs: [[2000000.]
 [1700000.]
 [ 988500.]
 [ 985000.]
 [2400000.]
 [1517000.]
 [1200000.]
 [1800000.]
 [ 625000.]
 [3100000.]]
Predicted value: 1631550.0


query set: [ 0.01345102  0.01163464  0.01054359  0.01353699  0.00229734  0.
  0.          0.0116321   0.01216718  0.00942452  0.02302591  0.01329154
  0.          0.01342983 -0.01346273  0.00777977  0.00290265]
distances: [0.02441064 0.06811105 0.02758563 … 0.02528164 0.02672141
0.02424285]
sorted indices: [ 929 4110 2205 … 1107 5226 2486]
selected indices: [ 929 4110 2205 4469 3478 1016 3376 3385 4056 4832]
selected outputs: [[317000.]
 [326000.]
 [520000.]
 [285000.]
 [265000.]
 [325000.]
 [350500.]
 [348000.]
 [608000.]
 [399950.]]
Predicted value: 374445.0


query set: [ 0.01345102  0.01551285  0.00602491  0.00900478  0.00048188  0.
  0.          0.0116321   0.01216718  0.01038761  0.          0.01300497
  0.          0.01347684 -0.01346559  0.01003011  0.00064981]
distances: [0.00553637 0.06834172 0.01336201 … 0.01316718 0.01490897
0.01001577]
sorted indices: [3871   411 4764 … 1107 5226 2486]
```

```
selected indices: [3871  411 4764 4301 2972 4493 3990 3499 4699 5312]
selected outputs: [[229000.]
 [475000.]
 [415000.]
 [226000.]
 [575000.]
 [540000.]
 [253750.]
 [185000.]
 [235000.]
 [380000.]]
Predicted value: 351375.0

query set: [ 0.01345102  0.00775643  0.00602491  0.00685795  0.00121191  0.
  0.         0.0116321   0.01216718  0.00791109  0.         0.01308003
  0.         0.01347721 -0.01346416  0.01440221  0.00152231]
distances: [0.00704438 0.06882629 0.00561924 … 0.01431979 0.01773526
0.01159684]
sorted indices: [1457 2531 1904 … 1107 5226 2486]
selected indices: [1457 2531 1904 5015 4151 4786 2529 4180 2147 1220]
selected outputs: [[404500.]
 [650000.]
 [625000.]
 [450000.]
 [580000.]
 [502501.]
 [649000.]
 [319950.]
 [285000.]
 [255000.]]
Predicted value: 472095.1

query set: [ 0.01345102  0.01551285  0.02108718  0.01878481  0.0017657   0.
  0.         0.0116321   0.01564352  0.02166951  0.         0.01374187
  0.         0.01348017 -0.0134602   0.00996582  0.00170363]
distances: [0.02404174 0.0683563  0.02907166 … 0.01184792 0.01042449
0.01658505]
sorted indices: [5150 3533 5210 … 1107 5226 2486]
selected indices: [5150 3533 5210 5040 5505 5173 4048 2192 5393 1814]
selected outputs: [[1010000.]
 [ 705000.]
 [ 729000.]
 [ 720000.]
 [ 715000.]
 [ 649000.]
 [ 655500.]
 [1438888.]
 [ 718500.]
```

```
 [1255000.]]
Predicted value: 859588.8


query set: [ 0.01345102  0.01551285  0.01807473  0.01985823  0.00128415  0.
  0.         0.0116321   0.01390535  0.01231379  0.0393999   0.01335978
  0.         0.01347777 -0.01346581  0.01035159  0.0016225 ]
distances: [0.04360451 0.07309852 0.04592912 … 0.04057302 0.04060142
0.04119641]
sorted indices: [4898 1561 1054 … 1107 2486 5226]
selected indices: [4898 1561 1054 4216  658   17 1191 3514  558 1751]
selected outputs: [[ 655000.]
 [ 390000.]
 [ 373000.]
 [ 439000.]
 [1600000.]
 [ 345000.]
 [ 538000.]
 [ 465000.]
 [ 765000.]
 [ 540000.]]
Predicted value: 611000.0


query set: [ 0.01345102  0.01551285  0.01054359  0.00936259  0.00601301  0.
  0.         0.0116321   0.01216718  0.00825505  0.00946621  0.01337342
  0.         0.01340537 -0.01346108  0.01234476  0.00742091]
distances: [0.01372391 0.06754718 0.01600953 … 0.01577223 0.01712027
0.01476442]
sorted indices: [1172  681 4973 … 1107 5226 2486]
selected indices: [1172  681 4973 3232 3030 2784 1134 3607 1035 3788]
selected outputs: [[295000.]
 [356500.]
 [289950.]
 [606150.]
 [429950.]
 [360000.]
 [239900.]
 [385000.]
 [405000.]
 [430000.]]
Predicted value: 379745.0


query set: [ 0.01345102  0.00775643  0.01355605  0.00673868  0.00070339  0.
  0.         0.0116321   0.01390535  0.00777351  0.          0.01371458
  0.         0.01348631 -0.01343928  0.0073297   0.00069362]
distances: [0.00897616 0.06849923 0.013998   … 0.01347709 0.01757555
0.00608128]
sorted indices: [4900 5339 4400 … 1107 5226 2486]
selected indices: [4900 5339 4400 5467 5345 5042 2706  779 5228 5131]
```

```
selected outputs: [[476000.]
 [356000.]
 [427500.]
 [305000.]
 [325000.]
 [562000.]
 [489000.]
 [325000.]
 [482500.]
 [325000.]]
Predicted value: 407300.0


query set: [ 0.01345102  0.01163464  0.0165685   0.01395443  0.00394297  0.
  0.03401577  0.0116321   0.01390535  0.01011244  0.02225838  0.01349624
  0.          0.01350096 -0.01345975  0.01697404  0.00360479]
distances: [0.04352791 0.07617343 0.04361944 … 0.04119783 0.04161985
0.04184532]
sorted indices: [  34 4096 1422 … 1107 5226 2486]
selected indices: [  34 4096 1422 2663 4435 3556 2765 1067 2206 4573]
selected outputs: [[660000.]
 [800000.]
 [350000.]
 [415000.]
 [410000.]
 [750000.]
 [740000.]
 [530000.]
 [571000.]
 [590000.]]
Predicted value: 581600.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01687651  0.00120389  0.
  0.          0.0116321   0.01738169  0.01946817  0.          0.01374187
  0.          0.01348453 -0.01347032  0.01144462  0.00206869]
distances: [0.01852328 0.06770073 0.02321836 … 0.00695759 0.00702424
0.01255292]
sorted indices: [ 152 3437  459 … 1107 5226 2486]
selected indices: [ 152 3437  459 4529  599 4707 5118  796 1991 5393]
selected outputs: [[ 880000.]
 [1475000.]
 [ 599950.]
 [ 799000.]
 [ 705380.]
 [ 595000.]
 [ 897000.]
 [ 316000.]
 [ 475000.]
 [ 718500.]]
```

Predicted value: 746083.0

query set: [0.01345102 0.00775643 0.00602491 0.00900478 0.00128415 0.
  0.   0.0116321   0.01042901 0.00639767 0.01483892 0.01312779
  0.   0.0134879 -0.01346977 0.00835843 0.0016225]
distances: [0.01568209 0.06812957 0.01818419 … 0.02178155 0.02466052
0.01871994]
sorted indices: [1958 3459 3460 … 1107 5226 2486]
selected indices: [1958 3459 3460 3707 4320 3667 355 207 2237 3369]
selected outputs: [[299800.]
 [180000.]
 [310000.]
 [557000.]
 [415000.]
 [445434.]
 [345000.]
 [395000.]
 [510000.]
 [580000.]]
Predicted value: 403723.4

query set: [0.01345102 0.01551285 0.01355605 0.01144979 0.00310121 0.
  0.   0.01550947 0.01390535 0.01320808 0.   0.01342801
  0.   0.01342078 -0.01344369 0.01215187 0.00316388]
distances: [0.01225289 0.06768628 0.01679825 … 0.00714015 0.00827962
0.00802498]
sorted indices: [2553 234 4093 … 1107 5226 2486]
selected indices: [2553 234 4093 1506 1236 904 2418 3833 2511 959]
selected outputs: [[521000.]
 [270000.]
 [240000.]
 [320000.]
 [593450.]
 [322500.]
 [565000.]
 [485000.]
 [306000.]
 [586000.]]
Predicted value: 420895.0

query set: [0.01345102 0.01163464 0.00451868 0.01496821 0.00642073 0.
  0.   0.01550947 0.01216718 0.01726682 0.   0.01338025
  0.   0.01337347 -0.01345953 0.01369496 0.0081125]
distances: [0.01564703 0.06841285 0.01828956 … 0.0137825 0.0145614
0.01779833]
sorted indices: [3548 3664 4580 … 1107 5226 2486]
selected indices: [3548 3664 4580 2545 1658 1279 4601 4497 498 490]
selected outputs: [[372000.]

```
 [260000.]
 [437000.]
 [835000.]
 [815000.]
 [560000.]
 [240000.]
 [690000.]
 [325000.]
 [300000.]]
Predicted value: 483400.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00429367  0.0015795   0.
  0.          0.0116321   0.01042901  0.00495303  0.          0.01324378
  0.          0.01344364 -0.01346878  0.00430781  0.00199568]
distances: [0.0073695  0.06977717 0.01335013 … 0.02034922 0.02407563
0.01404873]
sorted indices: [4745 2259 1198 … 1107 5226 2486]
selected indices: [4745 2259 1198 3240 3678 1587 3189  322 4481 1630]
selected outputs: [[240000.]
 [183000.]
 [260000.]
 [225000.]
 [248500.]
 [394475.]
 [215000.]
 [406000.]
 [350000.]
 [238950.]]
Predicted value: 276092.5


query set: [ 0.01345102  0.01163464  0.01054359  0.01264247  0.0029362   0.
  0.          0.0116321   0.01390535  0.00866781  0.02200254  0.01351671
  0.          0.0134754  -0.01343499  0.0131163   0.00425298]
distances: [0.02376285 0.06802315 0.02506183 … 0.02368285 0.02484493
0.02347395]
sorted indices: [1511 2926 1479 … 1107 5226 2486]
selected indices: [1511 2926 1479 3478 1874 4972 4832 1820  882 2205]
selected outputs: [[490000.]
 [268000.]
 [570000.]
 [265000.]
 [343000.]
 [580000.]
 [399950.]
 [369000.]
 [338500.]
 [520000.]]
Predicted value: 414345.0
```

```
query set: [ 0.01345102  0.01163464  0.01054359  0.01001856  0.00276412  0.
  0.          0.01550947  0.01216718  0.00887418  0.0099779   0.01343483
  0.          0.0134972  -0.01344699  0.01054448  0.00357315]
distances: [0.01227813 0.06717791 0.0156169  … 0.01465806 0.0171144
0.01251663]
sorted indices: [1676 4027 4558 … 1107 5226 2486]
selected indices: [1676 4027 4558   30  480 1677 3582 1419 1869 2361]
selected outputs: [[536000.]
 [539000.]
 [440000.]
 [272500.]
 [386500.]
 [260000.]
 [294000.]
 [235000.]
 [203000.]
 [585000.]]
Predicted value: 375100.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00936259  0.00083469  0.
  0.          0.01550947  0.01390535  0.01080036  0.          0.01317555
  0.          0.01348648 -0.01346867  0.00958004  0.0016225 ]
distances: [0.00731074 0.06792551 0.01365746 … 0.01014124 0.01320531
0.00609736]
sorted indices: [3708 4684 2037 … 1107 5226 2486]
selected indices: [3708 4684 2037 1182 3170 1919 1609 1926 3692 1437]
selected outputs: [[574800.]
 [475000.]
 [622000.]
 [670000.]
 [498000.]
 [320000.]
 [440000.]
 [345000.]
 [415000.]
 [419000.]]
Predicted value: 477880.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01544529  0.00232334  0.
  0.          0.0116321   0.01390535  0.01781716  0.          0.01367364
  0.          0.01349344 -0.01346196  0.01073737  0.00310222]
distances: [0.01596916 0.06739342 0.0207359  … 0.00492718 0.00699499
0.01019733]
sorted indices: [ 796  459 1991 … 1107 5226 2486]
selected indices: [ 796  459 1991 4707 3102 3637 4613  152 4856 4529]
selected outputs: [[316000.]
 [599950.]
```

```
[475000.]
[595000.]
[310000.]
[577000.]
[363000.]
[880000.]
[717500.]
[799000.]]
Predicted value: 563245.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00709648  0.00262447  0.
  0.          0.0116321   0.01216718  0.00818626  0.          0.01355083
  0.          0.01342112 -0.01345029  0.01433792  0.00386155]
distances: [0.01084405 0.06823713 0.01118537 … 0.01014203 0.01340692
0.00696861]
sorted indices: [1911  624   71 … 1107 5226 2486]
selected indices: [1911  624   71  619 5190 2499  317 1691 2858 3609]
selected outputs: [[440000.]
 [473000.]
 [516500.]
 [242000.]
 [270000.]
 [306000.]
 [359000.]
 [400000.]
 [276000.]
 [280000.]]
Predicted value: 356250.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00697721  0.00077049  0.
  0.          0.01550947  0.01216718  0.00509062  0.01100127  0.0129845
  0.          0.01348043 -0.0134646   0.01009441  0.00158964]
distances: [0.01358612 0.06808049 0.01512365 … 0.01872517 0.0219874
0.01450505]
sorted indices: [ 853 2048 1143 … 1107 5226 2486]
selected indices: [ 853 2048 1143  872  291 1332 1849  319 5271 5254]
selected outputs: [[390000.]
 [480000.]
 [412000.]
 [417000.]
 [453500.]
 [450000.]
 [483000.]
 [585000.]
 [610000.]
 [455000.]]
Predicted value: 473550.0
```

```
query set: [ 0.01345102  0.01163464  0.01506227  0.00888551  0.0025699   0.
  0.          0.0116321   0.01216718  0.00749834  0.01023374  0.01348259
  0.          0.01341555 -0.01344611  0.01208757  0.00320647]
distances: [0.01427193 0.06725988 0.01604442 … 0.01424814 0.01686247
0.01156248]
sorted indices: [4975 1183 2702 … 1107 5226 2486]
selected indices: [4975 1183 2702 3902 1655 1400 3287 1450 3010 4206]
selected outputs: [[269950.]
 [465000.]
 [278000.]
 [246000.]
 [219950.]
 [385500.]
 [269000.]
 [289950.]
 [245000.]
 [385000.]]
Predicted value: 305335.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01568382  0.00324247  0.
  0.          0.01550947  0.01564352  0.01086915  0.02686357  0.01342119
  0.          0.01345172 -0.01344479  0.01543094  0.00393456]
distances: [0.03104805 0.06905272 0.0319281  … 0.02779109 0.02825964
0.02887142]
sorted indices: [2847 2797 4728 … 1107 5226 2486]
selected indices: [2847 2797 4728  695 3950 2174 3436 1920  962 3069]
selected outputs: [[ 825000.]
 [ 282000.]
 [ 705640.]
 [1150000.]
 [ 745000.]
 [ 437850.]
 [ 415000.]
 [ 300000.]
 [ 525000.]
 [1100000.]]
Predicted value: 648549.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01794993  0.01482321  0.
  0.          0.0116321   0.01564352  0.02070642  0.          0.01361906
  0.          0.01347528 -0.01342398  0.01665256  0.01996568]
distances: [0.03053948 0.0712182  0.03161329 … 0.02343267 0.02221045
0.02880504]
sorted indices: [1104 3960 2659 … 1107 5226 2486]
selected indices: [1104 3960 2659 3467 4371 4336 2317 3505 1367 2591]
selected outputs: [[864000.]
 [483500.]
 [575000.]
```

```
 [785000.]
 [549950.]
 [630000.]
 [685000.]
 [695000.]
 [680000.]
 [597000.]]
Predicted value: 654445.0


query set: [ 0.01345102  0.02326928  0.01807473  0.01562419  0.00139651  0.
  0.          0.0116321   0.01216718  0.01210741  0.02200254  0.01335295
  0.          0.01348402 -0.013469    0.01131603  0.00174419]
distances: [0.02936164 0.06876465 0.03293658 … 0.0256822  0.02485823
0.02609579]
sorted indices: [2300  198  517 … 1107 5226 2486]
selected indices: [2300  198  517 3384 4513 4706 3513 2306 3048 1970]
selected outputs: [[359999.]
 [350000.]
 [430000.]
 [599950.]
 [559900.]
 [420000.]
 [540000.]
 [455000.]
 [435000.]
 [325000.]]
Predicted value: 447484.9


query set: [ 0.01345102  0.01939106  0.02108718  0.01896371  0.00449451  0.
  0.          0.01938684  0.01738169  0.02187589  0.          0.01362588
  0.          0.01344785 -0.01344203  0.02359648  0.00586128]
distances: [0.03082761 0.07048614 0.03159095 … 0.01839128 0.0149509
0.02506569]
sorted indices: [3739 2387 1665 … 1107 5226 2486]
selected indices: [3739 2387 1665  921 4404 4370 4931 1253  954 3405]
selected outputs: [[1160000.]
 [ 790000.]
 [1350000.]
 [1288000.]
 [1629000.]
 [1450000.]
 [1800000.]
 [1895000.]
 [1650000.]
 [ 935000.]]
Predicted value: 1394700.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01431223  0.00311437  0.
```

```
  0.          0.0116321   0.01564352  0.01651011  0.          0.01357812
  0.          0.01337941 -0.01347109  0.01543094  0.00334965]
distances: [0.01632318 0.06758379 0.01866924 … 0.00282391 0.00436764
0.01058963]
sorted indices: [4671 3439 1486 … 1107 5226 2486]
selected indices: [4671 3439 1486 3324 3052 2328 1209 1865 4363 4073]
selected outputs: [[330000.]
 [530000.]
 [572500.]
 [570000.]
 [522500.]
 [535000.]
 [717000.]
 [425000.]
 [399950.]
 [389950.]]
Predicted value: 499190.0

query set: [ 0.01345102  0.01939106  0.01355605  0.01502785  0.01580205  0.
  0.          0.01550947  0.01390535  0.01733561  0.          0.01349624
  0.          0.01343136 -0.01343499  0.01787418  0.02243959]
distances: [0.03116272 0.07222907 0.03161181 … 0.02635779 0.02510804
0.03062914]
sorted indices: [4371 3467  219 … 1107 5226 2486]
selected indices: [4371 3467  219 2591 2659 3591 3370 2055 3730  577]
selected outputs: [[549950.]
 [785000.]
 [460000.]
 [597000.]
 [575000.]
 [670000.]
 [570000.]
 [454000.]
 [696500.]
 [600000.]]
Predicted value: 595745.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01282138  0.00139105  0.
  0.          0.0116321   0.01216718  0.00825505  0.02430513  0.01334613
  0.          0.01344887 -0.01347065  0.00951575  0.00263656]
distances: [0.02541153 0.06844074 0.02780283 … 0.02636331 0.02776347
0.02526646]
sorted indices: [3376 4056 3478 … 1107 5226 2486]
selected indices: [3376 4056 3478 4293 1016 4832 3385  929 4469 1820]
selected outputs: [[350500.]
 [608000.]
 [265000.]
 [507500.]
```

```
 [325000.]
 [399950.]
 [348000.]
 [317000.]
 [285000.]
 [369000.]]
Predicted value: 377495.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00870661  0.00231146  0.
  0.          0.0116321   0.01216718  0.00866781  0.00511687  0.01300497
  0.          0.01348671 -0.01346493  0.00919427  0.00188616]
distances: [0.0054895  0.06777617 0.01200367 … 0.01457991 0.01732583 0.0109922
]
sorted indices: [1554   80 2764 … 1107 5226 2486]
selected indices: [1554   80 2764 3038 1746 4678 3998 1157 2411  893]
selected outputs: [[345000.]
 [780000.]
 [435000.]
 [717000.]
 [250000.]
 [530100.]
 [508300.]
 [345000.]
 [197200.]
 [372220.]]
Predicted value: 447982.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00858734  0.00123278  0.
  0.          0.0116321   0.01216718  0.00990606  0.          0.01365317
  0.          0.01348665 -0.01343268  0.0102873   0.00127001]
distances: [0.00956843 0.06786722 0.01403305 … 0.00894928 0.01267561
0.00225577]
sorted indices: [5277 4664  177 … 1107 5226 2486]
selected indices: [5277 4664  177 4828 2870 5066 2605  489 5320 5287]
selected outputs: [[255900.]
 [339900.]
 [337000.]
 [365000.]
 [295000.]
 [348000.]
 [355000.]
 [320000.]
 [208800.]
 [275000.]]
Predicted value: 309960.0


query set: [ 0.01345102  0.01163464  0.01807473  0.01478931  0.0017657   0.
  0.05102365  0.0116321   0.01738169  0.01190103  0.01918826  0.01330519
```

```
     0.06697589   0.01347514  -0.01347241   0.0189672    0.00229989]
distances: [0.08838178 0.05298544 0.08842388 … 0.08667844 0.08672938
0.08718288]
sorted indices: [3000 3294 4398 … 1107 5226 2486]
selected indices: [3000 3294 4398  544 4594 4603  723  998  999  372]
selected outputs: [[1400000.]
 [ 787500.]
 [1205000.]
 [ 688000.]
 [ 550000.]
 [1250000.]
 [1400000.]
 [ 550000.]
 [ 550000.]
 [1355000.]]
Predicted value: 973550.0


query set: [ 0.01345102   0.01163464   0.01355605   0.01091308   0.00363766   0.
  0.         0.0116321    0.01216718   0.00859901   0.01483892   0.01340754
  0.         0.01337426  -0.01345953   0.01440221   0.00666564]
distances: [0.01865795 0.06731313 0.01916077 … 0.01743619 0.01915563
0.01734086]
sorted indices: [4547 4548 3463 … 1107 5226 2486]
selected indices: [4547 4548 3463 3726 3907 4477  611 4924  248  565]
selected outputs: [[480000.]
 [515000.]
 [418500.]
 [620000.]
 [466000.]
 [415000.]
 [469000.]
 [403000.]
 [390000.]
 [399000.]]
Predicted value: 457550.0


query set: [ 0.01345102   0.01939106   0.01054359   0.01789029   0.00192622   0.
  0.         0.01938684   0.01216718   0.01031882   0.03837652   0.01335978
  0.         0.01343142  -0.01345271   0.01433792   0.00289008]
distances: [0.04206225 0.07338131 0.04365224 … 0.04079226 0.04051776
0.04148974]
sorted indices: [2953 1034 4112 … 1107 2486 5226]
selected indices: [2953 1034 4112   17 1768 4465 3763 1751  559 4302]
selected outputs: [[810000.]
 [470000.]
 [399950.]
 [345000.]
 [707000.]
```

```
 [368500.]
 [290000.]
 [540000.]
 [760000.]
 [725000.]]
Predicted value: 541545.0


query set: [ 0.01345102  0.01551285  0.0165685   0.0212      0.0021076  0.
  0.          0.0116321   0.01564352  0.02445559  0.          0.01374187
  0.          0.01348592 -0.01342982  0.02330715  0.00228651]
distances: [0.02866906 0.06960769 0.02962687 … 0.01527128 0.01189924
0.02339879]
sorted indices: [2634 5160 5386 … 1107 5226 2486]
selected indices: [2634 5160 5386 5067 5104 5196 2417 2219 5183 5073]
selected outputs: [[839990.]
 [775000.]
 [780000.]
 [932990.]
 [859990.]
 [659950.]
 [790500.]
 [685000.]
 [849990.]
 [925000.]]
Predicted value: 809841.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00572489  0.03607935  0.
  0.          0.0116321   0.01216718  0.00660404  0.          0.01333931
  0.          0.0135084  -0.0134537   0.00777977  0.01008992]
distances: [0.03542162 0.07719498 0.03503103 … 0.03905728 0.04063432
0.03868482]
sorted indices: [1013 4008 4561 … 1107 5226 2486]
selected indices: [1013 4008 4561  370 1261 1896 3817  425 1755 1292]
selected outputs: [[759600.]
 [650000.]
 [462500.]
 [350000.]
 [625000.]
 [358000.]
 [439000.]
 [299000.]
 [223000.]
 [350000.]]
Predicted value: 451610.0


query set: [ 0.01345102  0.00775643  0.01054359  0.01037637  0.0017336   0.
  0.          0.01550947  0.01216718  0.00681042  0.01918826  0.0132779
  0.          0.01348942 -0.01345898  0.01273053  0.00219038]
```

```
distances: [0.02117779 0.06810082 0.0216427  … 0.02264685 0.02491348
0.02121313]
sorted indices: [3862 4388 1604 … 1107 5226 2486]
selected indices: [3862 4388 1604 2781 1373  235 4405 1202  700 1060]
selected outputs: [[467500.]
 [423000.]
 [455850.]
 [582500.]
 [300000.]
 [324500.]
 [739000.]
 [219000.]
 [615000.]
 [710000.]]
Predicted value: 483635.0

query set: [ 0.01345102  0.02326928  0.01355605  0.01681688  0.00500817  0.
  0.03401577  0.01938684  0.01216718  0.01355205  0.0217467   0.01323696
  0.          0.01342336 -0.01346779  0.01620249  0.00316266]
distances: [0.04556235 0.07712506 0.04704273 … 0.04312437 0.04233657
0.04436156]
sorted indices: [4976 4637  783 … 1107 5226 2486]
selected indices: [4976 4637  783 2086  473 2206 2396 4995 3798 1619]
selected outputs: [[ 480000.]
 [ 376000.]
 [1125000.]
 [ 610000.]
 [ 565000.]
 [ 571000.]
 [ 598000.]
 [1010000.]
 [ 839000.]
 [ 690500.]]
Predicted value: 686450.0

query set: [ 0.01345102  0.01163464  0.00602491  0.00572489  0.0017413   0.
  0.          0.0116321   0.01042901  0.00660404  0.          0.0130732
  0.          0.01349016 -0.01346317  0.00996582  0.00230679]
distances: [0.00298917 0.06892834 0.008816   … 0.01605579 0.01910547
0.01121959]
sorted indices: [ 692 1538 1851 … 1107 5226 2486]
selected indices: [ 692 1538 1851  230 3797   60 3041 4622 1052 3662]
selected outputs: [[385000.]
 [150000.]
 [215000.]
 [226000.]
 [335000.]
 [470000.]
```

```
 [154500.]
 [217450.]
 [410000.]
 [354950.]]
Predicted value: 291790.0


query set: [ 0.01345102  0.01939106  0.01807473  0.01711505  0.00182991  0.
  0.         0.0116321   0.01216718  0.01341446  0.0235376   0.01340072
  0.         0.01347952 -0.01346427  0.01112314  0.0022427 ]
distances: [0.02992162 0.06846503 0.03322424 … 0.02561374 0.02521745
0.02655257]
sorted indices: [2300  198 2627 … 1107 5226 2486]
selected indices: [2300  198 2627 3513 2837 3841  141  898  961 1999]
selected outputs: [[ 359999.]
 [ 350000.]
 [ 402000.]
 [ 540000.]
 [1105000.]
 [ 635000.]
 [ 515000.]
 [ 495000.]
 [ 430000.]
 [ 439000.]]
Predicted value: 527099.9


query set: [ 0.01345102  0.01939106  0.01506227  0.01341772  0.00230376  0.
  0.         0.0116321   0.01216718  0.00901177  0.02404929  0.01353036
  0.         0.01341914 -0.0134493   0.00996582  0.00368348]
distances: [0.0276723  0.06867673 0.03078683 … 0.02662243 0.02679532
0.02599097]
sorted indices: [2306 4170  123 … 1107 5226 2486]
selected indices: [2306 4170  123 4276  198 4606  781 1141  767 1633]
selected outputs: [[455000.]
 [427000.]
 [475000.]
 [482000.]
 [350000.]
 [446950.]
 [595000.]
 [466000.]
 [505000.]
 [375000.]]
Predicted value: 457695.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01836737  0.00208674  0.
  0.         0.01550947  0.01564352  0.01169466  0.0353064   0.01324378
  0.         0.01347194 -0.01347219  0.0190315   0.00231653]
distances: [0.03948257 0.07204353 0.04005746 … 0.03686088 0.03651383
```

0.03843812]
sorted indices: [2708 2953 3893 … 1107 2486 5226]
selected indices: [2708 2953 3893 4214 658 2289 518 549 1768 4302]
selected outputs: [[925000.]
 [810000.]
 [780000.]
 [635700.]
 [1600000.]
 [1099500.]
 [962000.]
 [723000.]
 [707000.]
 [725000.]]
Predicted value: 896720.0

query set: [0.01345102 0.00775643 0.00602491 0.00769283 0.00201354 0.
  0.   0.01550947 0.01042901 0.0061225   0.01023374 0.01311414
  0.   0.01348394 -0.01346152 0.00810125 0.00218064]
distances: [0.01194174 0.06824647 0.01485951 … 0.01988456 0.02311772
0.01607934]
sorted indices: [4197 3264 1143 … 1107 5226 2486]
selected indices: [4197 3264 1143 3425 2423 274 4641 3984   15 4739]
selected outputs: [[369000.]
 [399950.]
 [412000.]
 [215000.]
 [310000.]
 [280300.]
 [415000.]
 [326000.]
 [309000.]
 [450000.]]
Predicted value: 348625.0

query set: [0.01345102 0.01163464 0.01506227 0.00954149 0.00219846 0.
  0.   0.0116321   0.01216718 0.01100674 0.   0.01364635
  0.   0.01338569 -0.01345777 0.01093025 0.00292456]
distances: [0.01011424 0.06767092 0.01418488 … 0.00736227 0.0111978
0.00365416]
sorted indices: [2940 2805 520 … 1107 5226 2486]
selected indices: [2940 2805 520 1242 2379 112 2729 4338 4858 2635]
selected outputs: [[210000.]
 [280000.]
 [280000.]
 [310000.]
 [265000.]
 [268000.]
 [300000.]

```
 [272000.]
 [315000.]
 [500000.]]
Predicted value: 300000.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01932152  0.004151    0.
  0.          0.01550947  0.01564352  0.01878025  0.01304802  0.01342801
  0.          0.01344423 -0.01345216  0.01678115  0.00522607]
distances: [0.02478896 0.06743215 0.02708114 … 0.01637009 0.01487183
0.02148686]
sorted indices: [2585 3501 3491 … 1107 5226 2486]
selected indices: [2585 3501 3491 3544 3140 3784 1382 2712 5116 1189]
selected outputs: [[ 750000.]
 [1810000.]
 [ 625000.]
 [ 870000.]
 [ 499000.]
 [ 915000.]
 [ 550000.]
 [ 995000.]
 [1210000.]
 [ 495000.]]
Predicted value: 871900.0


query set: [ 0.01345102  0.02326928  0.02861832  0.03303741  0.00231146  0.
  0.03401577  0.01550947  0.01911985  0.02717288  0.04067911  0.01302544
  0.          0.01347217 -0.01346823  0.01883861  0.0029205 ]
distances: [0.06830413 0.08637279 0.07031376 … 0.06087786 0.05926096
0.06413134]
sorted indices: [ 501 5309 2124 … 1107 5226 2486]
selected indices: [ 501 5309 2124 3138 2979  884 4621  215 4029 2079]
selected outputs: [[ 740000.]
 [ 770000.]
 [ 452000.]
 [ 870000.]
 [2795000.]
 [2095000.]
 [1680000.]
 [2250000.]
 [ 570000.]
 [1865000.]]
Predicted value: 1408700.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01812883  0.00194355  0.
  0.          0.0116321   0.01564352  0.0209128   0.          0.01368047
  0.          0.01339148 -0.01344589  0.01703833  0.00245565]
distances: [0.02125126 0.06800666 0.02353154 … 0.00762775 0.00617719
0.01580421]
```

```
sorted indices: [2355  524  128 … 1107 5226 2486]
selected indices: [2355  524  128 3927 5149 1116 5308 4268 5515 1404]
selected outputs: [[525000.]
 [485000.]
 [551000.]
 [751000.]
 [554950.]
 [500000.]
 [739000.]
 [540000.]
 [399950.]
 [735000.]]
Predicted value: 578090.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01777103  0.00068927  0.
  0.          0.0116321   0.01738169  0.01712923  0.01253633  0.01368729
  0.          0.01344677 -0.0134274   0.01851713  0.00098486]
distances: [0.02690414 0.06785461 0.02862018 … 0.01609856 0.01459739 0.0203607
]
sorted indices: [1252 5327 5194 … 1107 5226 2486]
selected indices: [1252 5327 5194 5469 5116 5456 5431 5445 5167 3482]
selected outputs: [[ 690000.]
 [ 725000.]
 [ 855000.]
 [ 775000.]
 [1210000.]
 [ 825750.]
 [ 495000.]
 [ 612995.]
 [ 724500.]
 [ 775000.]]
Predicted value: 768824.5


query set: [ 0.01345102  0.01163464  0.01506227  0.01520675  0.00193296  0.
  0.          0.0116321   0.01216718  0.01754199  0.          0.01366
  0.          0.01340053 -0.01345117  0.01337348  0.00244227]
distances: [0.01612517 0.06741063 0.01954056 … 0.00332464 0.00593392
0.01037235]
sorted indices: [2028 4707  371 … 1107 5226 2486]
selected indices: [2028 4707  371 5214 4856 2403 4613 1443 1991 4651]
selected outputs: [[635000.]
 [595000.]
 [470000.]
 [471500.]
 [717500.]
 [550000.]
 [363000.]
 [265000.]
```

```
 [475000.]
 [450000.]]
Predicted value: 499200.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00632124  0.00247198  0.
  0.          0.0116321   0.01216718  0.00564095  0.00614024  0.01351671
  0.          0.01342234 -0.01345051  0.0088085   0.00358289]
distances: [0.00784585 0.06843778 0.01095126 … 0.01801605 0.02145938
0.01354705]
sorted indices: [3375  908 1627 … 1107 5226 2486]
selected indices: [3375  908 1627 1042 1147 1945 5179  686 2822 2821]
selected outputs: [[305000.]
 [436500.]
 [473000.]
 [579100.]
 [325000.]
 [345000.]
 [302860.]
 [615000.]
 [570000.]
 [245000.]]
Predicted value: 419646.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00536709  0.00275449  0.
  0.          0.0116321   0.00869084  0.00619129  0.          0.01308685
  0.          0.01342596 -0.01345766  0.01324489  0.00264995]
distances: [0.00749206 0.0692353  0.00479979 … 0.01681359 0.02043515 0.013367
]
sorted indices: [1220  541 4887 … 1107 5226 2486]
selected indices: [1220  541 4887 1901 4791 3858  905 4612 4452 5015]
selected outputs: [[255000.]
 [192500.]
 [250000.]
 [450000.]
 [235000.]
 [390000.]
 [122000.]
 [390000.]
 [361600.]
 [450000.]]
Predicted value: 309610.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00530745  0.00154226  0.
  0.          0.01550947  0.01216718  0.0061225   0.          0.01315508
  0.          0.01349101 -0.01346603  0.00649386  0.00155922]
distances: [0.00649573 0.06938944 0.01207643 … 0.01841618 0.02201623
0.01274719]
sorted indices: [3223 3641 1888 … 1107 5226 2486]
```

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```
selected indices: [3223 3641 1888 1929 2083 1243 2519 1578 3097 3593]
selected outputs: [[390000.]
 [365000.]
 [406500.]
 [275000.]
 [350000.]
 [350000.]
 [393000.]
 [299950.]
 [339000.]
 [325000.]]
Predicted value: 349345.0

query set: [ 0.01345102  0.01163464  0.01807473  0.00822954  0.00034704  0.
  0.          0.0116321   0.01390535  0.00949331  0.          0.01368047
  0.          0.01348153 -0.01347087  0.00893709  0.00046241]
distances: [0.01254013 0.0681625  0.01710598 … 0.01059529 0.01393155
0.00343126]
sorted indices: [5120 2402 5157 … 1107 5226 2486]
selected indices: [5120 2402 5157 4749 3361 4571 1441 5258 5311 2145]
selected outputs: [[399000.]
 [429000.]
 [602000.]
 [530000.]
 [322000.]
 [319950.]
 [500000.]
 [416286.]
 [563500.]
 [349950.]]
Predicted value: 443168.6

query set: [ 0.01345102  0.00775643  0.00451868  0.00327989  0.00256187  0.
  0.          0.0116321   0.00869084  0.00378357  0.          0.01331884
  0.          0.01343679 -0.01346625  0.00855131  0.00323689]
distances: [0.0079843  0.07008291 0.00946657 … 0.02089756 0.02451706
0.01570142]
sorted indices: [ 776 4644 3754 … 1107 5226 2486]
selected indices: [ 776 4644 3754 3233 4949 4455 1002  837 4154 4478]
selected outputs: [[156000.]
 [240000.]
 [110000.]
 [425000.]
 [151000.]
 [115000.]
 [122000.]
 [296000.]
 [175000.]
```

```
  [220000.]]
Predicted value: 201000.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01150942  0.00245593  0.
  0.          0.01550947  0.01390535  0.00880539  0.01662983  0.01351671
  0.          0.01337932 -0.01347043  0.01195898  0.0035695 ]
distances: [0.01907355 0.06752752 0.02181211 … 0.01966027 0.02048835 0.0187981
]
sorted indices: [2065 4091  573 … 1107 5226 2486]
selected indices: [2065 4091  573 4006 3652 3003 3815 1612 4063 4830]
selected outputs: [[336500.]
 [507000.]
 [529219.]
 [635000.]
 [302000.]
 [402000.]
 [265000.]
 [317500.]
 [509000.]
 [329000.]]
Predicted value: 413221.9


query set: [ 0.01345102  0.01163464  0.01054359  0.00727539  0.00239076  0.
  0.          0.01550947  0.01216718  0.00839264  0.          0.01340072
  0.          0.01348702 -0.01345117  0.00861561  0.0029205 ]
distances: [0.00602657 0.06829944 0.0122419  … 0.0129002  0.01614843
0.00758064]
sorted indices: [4100 1301  505 … 1107 5226 2486]
selected indices: [4100 1301  505 4007 4076 1223 4804   39 4625 1771]
selected outputs: [[239950.]
 [255000.]
 [347000.]
 [455000.]
 [315450.]
 [195000.]
 [208000.]
 [212000.]
 [295000.]
 [246000.]]
Predicted value: 276840.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00572489  0.00274679  0.
  0.          0.0116321   0.01216718  0.00660404  0.          0.01344848
  0.          0.01349717 -0.01345216  0.00848702  0.00305355]
distances: [0.00234402 0.06893561 0.01011968 … 0.01630238 0.01926559
0.01118741]
sorted indices: [4723  744  409 … 1107 5226 2486]
selected indices: [4723  744  409  435 4266  493 2742 1052 3797 1096]
```

```
selected outputs: [[206000.]
 [225000.]
 [235000.]
 [293000.]
 [350000.]
 [133000.]
 [194000.]
 [410000.]
 [335000.]
 [191000.]]
Predicted value: 257200.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01687651  0.00128415  0.
  0.         0.0116321   0.01216718  0.01265775  0.02532851  0.01309367
  0.06727653  0.01345749 -0.01346009  0.01504517  0.0016225 ]
distances: [0.07462666 0.01812555 0.07533405 … 0.07240993 0.07241688
0.07291121]
sorted indices: [1017 3827 4479 … 1107 5226 2486]
selected indices: [1017 3827 4479  830 4915 1594 1485 4746 5223 4089]
selected outputs: [[825050.]
 [925000.]
 [770000.]
 [855000.]
 [930000.]
 [885000.]
 [860000.]
 [476000.]
 [500012.]
 [600000.]]
Predicted value: 762606.2


query set: [ 0.01345102  0.01163464  0.01355605  0.00840844  0.00234035  0.
  0.         0.0116321   0.01216718  0.00646646  0.01202464  0.01350989
  0.         0.01344488 -0.0134581   0.00996582  0.00299149]
distances: [0.01444078 0.06743044 0.01711244 … 0.01679623 0.01937415
0.01328519]
sorted indices: [3010 4456 4975 … 1107 5226 2486]
selected indices: [3010 4456 4975  730 2057 2702  991 2878 2650 3327]
selected outputs: [[245000.]
 [241500.]
 [269950.]
 [450000.]
 [450000.]
 [278000.]
 [425000.]
 [245700.]
 [525000.]
 [315275.]]
```

Predicted value: 344542.5

query set: [0.01345102 0.00775643 0.00602491 0.00548636 0.00242992 0.
  0.   0.01550947 0.01042901 0.00632887 0.   0.01330519
  0.   0.01343229 -0.01346119 0.00822984 0.0030937]
distances: [0.00631439 0.06925037 0.0101626 … 0.01779214 0.0214633
0.01295587]
sorted indices: [4715 3699   32 … 1107 5226 2486]
selected indices: [4715 3699   32 4868 902 3050 1514 608 150 2599]
selected outputs: [[285000.]
 [320000.]
 [205425.]
 [365000.]
 [252500.]
 [239900.]
 [295000.]
 [254000.]
 [261000.]
 [268500.]]
Predicted value: 274632.5

query set: [0.01345102 0.01551285 0.01506227 0.01783066 0.00276798 0.
  0.   0.0116321   0.01564352 0.02056884 0.   0.01364635
  0.   0.01344482 -0.01341419 0.01916009 0.0034973]
distances: [0.02222584 0.06829953 0.02409934 … 0.00917748 0.00537352
0.01719808]
sorted indices: [4628 5107 5281 … 1107 5226 2486]
selected indices: [4628 5107 5281 3174 5420 405 2629 4047 444 3825]
selected outputs: [[515500.]
 [810000.]
 [524225.]
 [627250.]
 [879950.]
 [789500.]
 [925000.]
 [680000.]
 [550000.]
 [499000.]]
Predicted value: 680042.5

query set: [0.01345102 0.01551285 0.01506227 0.0119865   0.00387972 0.
  0.   0.0116321   0.01390535 0.01382721 0.   0.01355083
  0.   0.0133886 -0.01343422 0.01228046 0.00492145]
distances: [0.0134721 0.06759126 0.01765808 … 0.0060977 0.00706619 0.0084309
]
sorted indices: [4499 1468 5129 … 1107 5226 2486]
selected indices: [4499 1468 5129 4127 2622 4249 396 4139 2739 3178]
selected outputs: [[500000.]

```
 [550000.]
 [353000.]
 [270000.]
 [260000.]
 [415000.]
 [420000.]
 [545000.]
 [545000.]
 [348450.]]
Predicted value: 420645.0


query set: [ 0.01345102  0.01163464  0.01054359  0.0205142   0.00334777  0.
  0.          0.01938684  0.01390535  0.02366448  0.          0.01346895
  0.          0.01341926 -0.01344203  0.01388785  0.00340725]
distances: [0.02320206 0.06865752 0.02667682 … 0.01407822 0.01330913
0.02039908]
sorted indices: [3239 2540 2560 … 1107 5226 2486]
selected indices: [3239 2540 2560 1866 3047 3964 4446 1214 2950 4968]
selected outputs: [[449950.]
 [359999.]
 [465000.]
 [294000.]
 [367999.]
 [590000.]
 [960000.]
 [605000.]
 [515000.]
 [557000.]]
Predicted value: 516394.8


query set: [ 0.01345102  0.02326928  0.01807473  0.01478931  0.00312047  0.
  0.          0.0116321   0.01390535  0.01706044  0.          0.0134553
  0.          0.01346555 -0.01344391  0.01594531  0.00373175]
distances: [0.02193584 0.06869184 0.02535692 … 0.01239953 0.00869536
0.01655153]
sorted indices: [5207 5491 5101 … 1107 5226 2486]
selected indices: [5207 5491 5101 3274 4756 5164 5068  901 5444 5373]
selected outputs: [[300000.]
 [312891.]
 [450000.]
 [326000.]
 [559950.]
 [515805.]
 [419354.]
 [502500.]
 [492500.]
 [459000.]]
Predicted value: 433800.0
```

```
query set: [ 0.01345102  0.01163464  0.01054359  0.00781209  0.00234806  0.
  0.          0.01938684  0.01042901  0.00901177  0.          0.01337342
  0.          0.01337395 -0.01345227  0.00649386  0.00296674]
distances: [0.00949865 0.06863612 0.01554124 … 0.01534561 0.01841149
0.01083693]
sorted indices: [1353 4342 4341 … 1107 5226 2486]
selected indices: [1353 4342 4341  256 3024 1208 2633 4503 2208 4319]
selected outputs: [[195000.]
 [219950.]
 [132825.]
 [530000.]
 [218000.]
 [310000.]
 [520000.]
 [211000.]
 [249000.]
 [421000.]]
Predicted value: 300677.5


query set: [ 0.01345102  0.01551285  0.0165685   0.0144315   0.00327457  0.
  0.          0.0116321   0.01390535  0.00839264  0.03070122  0.01338707
  0.          0.0134959  -0.01345392  0.01440221  0.00395484]
distances: [0.03413123 0.07019298 0.03524795 … 0.03190404 0.03218138
0.03214318]
sorted indices: [1238  962 2035 … 1107 5226 2486]
selected indices: [1238  962 2035 1405 1210  210 4596 2963 1575 1920]
selected outputs: [[325000.]
 [525000.]
 [740000.]
 [280500.]
 [260000.]
 [824000.]
 [492500.]
 [440000.]
 [313100.]
 [300000.]]
Predicted value: 450010.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01174796  0.01188669  0.
  0.          0.01550947  0.01390535  0.01355205  0.          0.01338025
  0.          0.013416   -0.01347704  0.01266623  0.02102598]
distances: [0.02578439 0.07071783 0.02704903 … 0.02226098 0.02241478
0.02461761]
sorted indices: [4903 2591 2217 … 1107 5226 2486]
selected indices: [4903 2591 2217 1025  775  219 1193 2597 3660 1801]
selected outputs: [[585000.]
 [597000.]
```

```
 [380000.]
 [324888.]
 [387000.]
 [460000.]
 [565000.]
 [539000.]
 [500000.]
 [630000.]]
Predicted value: 496788.8


query set: [ 0.01345102  0.01163464  0.01506227  0.01496821  0.00131818  0.
  0.          0.0116321   0.01564352  0.01726682  0.          0.01366682
  0.          0.01344765 -0.01342729  0.01588101  0.0016655 ]
distances: [0.01714375 0.0676489   0.01959138 … 0.00317717 0.00401767
0.01100814]
sorted indices: [5455 1209 1865 … 1107 5226 2486]
selected indices: [5455 1209 1865 5440 4535 3439 4311 5174  166 5047]
selected outputs: [[680000.]
 [717000.]
 [425000.]
 [773000.]
 [539900.]
 [530000.]
 [645000.]
 [577000.]
 [695000.]
 [400000.]]
Predicted value: 598190.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01317918  0.00309961  0.
  0.          0.0116321   0.01390535  0.01004365  0.01918826  0.01348259
  0.          0.01350998 -0.01345238  0.01337348  0.00350176]
distances: [0.0240887   0.06785665 0.02665841 … 0.02154518 0.02129313
0.02175828]
sorted indices: [2516 1970 4513 … 1107 5226 2486]
selected indices: [2516 1970 4513 4706 4399  557   38 4276 2881 2306]
selected outputs: [[450000.]
 [325000.]
 [559900.]
 [420000.]
 [518000.]
 [345000.]
 [260000.]
 [482000.]
 [311000.]
 [455000.]]
Predicted value: 412590.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.015982    0.00281806  0.
  0.          0.01550947  0.01390535  0.01843628  0.          0.01348942
  0.          0.01344827 -0.01344567  0.01723122  0.00406436]
distances: [0.019485    0.06795516 0.0217319  … 0.00742288 0.00497092
0.01457249]
sorted indices: [3238  453 4308 … 1107 5226 2486]
selected indices: [3238  453 4308  106 4721 4461 2894 1521 4666 3913]
selected outputs: [[690000.]
 [372000.]
 [730000.]
 [799000.]
 [808000.]
 [870000.]
 [825000.]
 [925000.]
 [469900.]
 [381500.]]
Predicted value: 687040.0


query set: [ 0.01345102  0.01551285  0.00903736  0.00954149  0.001984    0.
  0.          0.0116321   0.01042901  0.01100674  0.          0.0132779
  0.          0.01345294 -0.01345931  0.00906568  0.00250676]
distances: [0.00648379 0.06796397 0.01412007 … 0.01146457 0.01359418
0.00841604]
sorted indices: [2907 1581 2972 … 1107 5226 2486]
selected indices: [2907 1581 2972 3213 1769 3603 4732 5017 4757 1742]
selected outputs: [[275000.]
 [375000.]
 [575000.]
 [375000.]
 [215000.]
 [619000.]
 [206000.]
 [263000.]
 [352000.]
 [235000.]]
Predicted value: 349000.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00602307  0.00241419  0.
  0.          0.01550947  0.01042901  0.006948    0.          0.01347577
  0.          0.0133686  -0.01345601  0.0088085   0.00343524]
distances: [0.00470946 0.0689744  0.0105333  … 0.01659972 0.01959312
0.01202121]
sorted indices: [ 345  932 4094 … 1107 5226 2486]
selected indices: [ 345  932 4094 1005 4148 4058  391 1372 4864 3481]
selected outputs: [[316000.]
 [385100.]
 [285000.]
```

```
  [218000.]
  [201000.]
  [230000.]
  [170000.]
  [250000.]
  [355000.]
  [180000.]]
Predicted value: 259010.0

query set: [ 0.01345102  0.00775643  0.01355605  0.00697721  0.00042152  0.
  0.          0.0116321   0.01390535  0.00804868  0.          0.01369411
  0.          0.0134821  -0.01346955  0.00842272  0.00052894]
distances: [0.00894425 0.06840689 0.0134089  … 0.01267941 0.01682236
0.00548295]
sorted indices: [5339 2706 4900 … 1107 5226 2486]
selected indices: [5339 2706 4900 5042  779 5345 4697 4400 2566 5415]
selected outputs: [[356000.]
  [489000.]
  [476000.]
  [562000.]
  [325000.]
  [325000.]
  [350500.]
  [427500.]
  [315000.]
  [461100.]]
Predicted value: 408710.0

query set: [ 0.01345102  0.01163464  0.00903736  0.0081699   0.00331213  0.
  0.          0.0116321   0.01042901  0.00942452  0.          0.01335978
  0.          0.01342607 -0.01346075  0.0088085   0.0040092 ]
distances: [0.00450782 0.06811061 0.01139677 … 0.01242164 0.01572636
0.00848098]
sorted indices: [1734  575 2154 … 1107 5226 2486]
selected indices: [1734  575 2154 4253 1354 3722 4009   51 3654 3133]
selected outputs: [[280000.]
  [310000.]
  [224000.]
  [468000.]
  [350000.]
  [418900.]
  [162500.]
  [313000.]
  [265800.]
  [815000.]]
Predicted value: 360720.0

query set: [ 0.01345102  0.01163464  0.02108718  0.01568382  0.00151304  0.
```

```
   0.03401577  0.0116321   0.01564352  0.0139648   0.01535061  0.01370094
   0.          0.01344706 -0.01342971  0.01575242  0.00169835]
distances: [0.04233368 0.07551894 0.04322743 … 0.03796277 0.03816782
0.03904345]
sorted indices: [5323 3877 3822 … 1107 5226 2486]
selected indices: [5323 3877 3822 3798 3480 4847 4435 5217 2846 2036]
selected outputs: [[ 735000.]
 [1120275.]
 [ 855000.]
 [ 839000.]
 [ 830000.]
 [ 866800.]
 [ 410000.]
 [ 844000.]
 [ 500000.]
 [ 954500.]]
Predicted value: 795457.5


query set: [ 0.01345102  0.01163464  0.00602491  0.00793136  0.00120068  0.
   0.          0.0116321   0.01042901  0.00914935  0.          0.0129845
   0.          0.01344788 -0.0134581   0.00855131  0.00204962]
distances: [0.00233473 0.06843769 0.01124626 … 0.01429685 0.01735185
0.01010054]
sorted indices: [4785 1135 3835 … 1107 5226 2486]
selected indices: [4785 1135 3835 4454 3972  980 3777 1163 2860 4570]
selected outputs: [[310000.]
 [265000.]
 [380000.]
 [268000.]
 [375000.]
 [120000.]
 [201500.]
 [263000.]
 [470000.]
 [260000.]]
Predicted value: 291250.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01121125  0.00224725  0.
   0.          0.0116321   0.01390535  0.01293292  0.          0.01359859
   0.          0.01341122 -0.0134482   0.01208757  0.00283938]
distances: [0.01174391 0.06749763 0.01553644 … 0.00440311 0.00831992
0.00487308]
sorted indices: [ 307 1233 2638 … 1107 5226 2486]
selected indices: [ 307 1233 2638  531 1998 1915 3044 3328  359 3378]
selected outputs: [[298900.]
 [325000.]
 [324000.]
 [272000.]
```

```
 [299995.]
 [236775.]
 [498688.]
 [530000.]
 [303700.]
 [510000.]]
Predicted value: 359905.8

query set: [ 0.01345102  0.00775643  0.00602491  0.00673868  0.00487654  0.
  0.          0.01550947  0.01216718  0.00777351  0.          0.01333248
  0.          0.01340263 -0.01345909  0.00958004  0.00686318]
distances: [0.00784161 0.06900826 0.01034677 … 0.01667209 0.02003305
0.01370013]
sorted indices: [2310 2404 4604 … 1107 5226 2486]
selected indices: [2310 2404 4604 3890 2275 4751 1837 3849 1048 3359]
selected outputs: [[226800.]
 [325000.]
 [244000.]
 [325000.]
 [230950.]
 [560000.]
 [555500.]
 [225000.]
 [300000.]
 [365500.]]
Predicted value: 335775.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01228467  0.01872958  0.
  0.06803154  0.0116321   0.01390535  0.00756713  0.02456097  0.01352353
  0.          0.01341086 -0.01347626  0.00790836  0.00604544]
distances: [0.07472336 0.09807664 0.07539135 … 0.0752613  0.07574222
0.07510859]
sorted indices: [3508 2085 3861 … 1107 5226 2486]
selected indices: [3508 2085 3861 1106 3933  233  507 3663 1963 1181]
selected outputs: [[ 415000.]
 [ 732000.]
 [ 715000.]
 [1250000.]
 [ 500000.]
 [ 595000.]
 [ 345000.]
 [ 361000.]
 [ 472000.]
 [1345000.]]
Predicted value: 673000.0

query set: [ 0.01345102  0.01939106  0.01807473  0.02558312  0.00656359  0.
  0.          0.01550947  0.01911985  0.02951181  0.          0.013544
```

```
   0.          0.0134681  -0.01345425  0.02327501  0.00905558]
distances: [0.0367922  0.07209312 0.03842455 … 0.02435658 0.02064293
0.03214335]
sorted indices: [4517  947  843 … 1107 5226 2486]
selected indices: [4517  947  843 2477 4122 2159 4294  834 4223  921]
selected outputs: [[ 635000.]
 [1905000.]
 [2075000.]
 [1093000.]
 [2328000.]
 [ 945000.]
 [ 972000.]
 [ 875000.]
 [1200688.]
 [1288000.]]
Predicted value: 1331668.8


query set: [ 0.01345102  0.01163464  0.01054359  0.00858734  0.00231146  0.
  0.          0.0116321   0.01216718  0.00990606  0.          0.01355083
  0.          0.01341878 -0.0134592   0.01054448  0.00371837]
distances: [0.00566303 0.06788467 0.01118268 … 0.00995949 0.01334322 0.0061714
]
sorted indices: [3545 4894  475 … 1107 5226 2486]
selected indices: [3545 4894  475 1726 2201 1833 1411 2700 1568 4629]
selected outputs: [[383000.]
 [424500.]
 [260000.]
 [220000.]
 [195000.]
 [245100.]
 [334000.]
 [373000.]
 [354000.]
 [243000.]]
Predicted value: 303160.0


query set: [ 0.01345102  0.00775643  0.00602491  0.00512855  0.00057787  0.
  0.          0.0116321   0.01216718  0.00591612  0.          0.01302544
  0.          0.01347141 -0.01346878  0.01388785  0.00126555]
distances: [0.00734883 0.06928679 0.00525671 … 0.01637061 0.01978431
0.01242135]
sorted indices: [5015 4151 1901 … 1107 5226 2486]
selected indices: [5015 4151 1901 4887 1904 2824 4786 4791 4180 4612]
selected outputs: [[450000.]
 [580000.]
 [450000.]
 [250000.]
 [625000.]
```

```
 [500000.]
 [502501.]
 [235000.]
 [319950.]
 [390000.]]
Predicted value: 430245.1


query set: [ 0.01345102  0.01551285  0.01506227  0.01508748  0.002428     0.
  0.          0.0116321   0.01216718  0.00990606  0.02788694  0.01349624
  0.          0.01351179 -0.01345106  0.01260194  0.00316834]
distances: [0.03097538 0.06914209 0.03284106 … 0.02891179 0.02930475
0.02915778]
sorted indices: [2000 1405 3916 … 1107 5226 2486]
selected indices: [2000 1405 3916 1066 2963 2874 1238  123 2686 4770]
selected outputs: [[252500.]
 [280500.]
 [305000.]
 [261500.]
 [440000.]
 [522500.]
 [325000.]
 [475000.]
 [467000.]
 [360000.]]
Predicted value: 368900.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01431223  0.00186747  0.
  0.          0.0116321   0.01390535  0.01651011  0.          0.0136327
  0.          0.01344417 -0.01341364  0.01555954  0.00235952]
distances: [0.01601175 0.0675262  0.01831868 … 0.00153017 0.00443769
0.01004034]
sorted indices: [4970 5047 1674 … 1107 5226 2486]
selected indices: [4970 5047 1674 4535 1583 5127 3630 3268 5524 5471]
selected outputs: [[523000.]
 [400000.]
 [366000.]
 [539900.]
 [574000.]
 [415000.]
 [685000.]
 [340000.]
 [507250.]
 [330000.]]
Predicted value: 468015.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0098993   0.00168544  0.
  0.          0.01550947  0.01390535  0.01141949  0.          0.01356447
  0.          0.01339242 -0.01346097  0.01048018  0.00223297]
```

```
distances: [0.01106234 0.06776088 0.01556137 … 0.00792721 0.01128196
0.00461022]
sorted indices: [ 572 4111  707 … 1107 5226 2486]
selected indices: [ 572 4111  707 2143 4506 4362 2924 4947  220 1009]
selected outputs: [[275000.]
 [439950.]
 [275000.]
 [245000.]
 [295000.]
 [250000.]
 [350000.]
 [289000.]
 [408200.]
 [282500.]]
Predicted value: 310965.0

query set: [ 0.01345102  0.01163464  0.01355605  0.01049564  0.00347843  0.
  0.          0.01550947  0.01390535  0.00887418  0.01202464  0.01348259
  0.          0.0134399  -0.01343323  0.0131806   0.0042542 ]
distances: [0.01610538 0.06717621 0.01762975 … 0.01500821 0.01693987
0.01416702]
sorted indices: [3357 1421 4226 … 1107 5226 2486]
selected indices: [3357 1421 4226 4966 1840 3207 3582 2684 3121 2933]
selected outputs: [[609950.]
 [362000.]
 [225000.]
 [620000.]
 [550000.]
 [520000.]
 [294000.]
 [366000.]
 [197400.]
 [580000.]]
Predicted value: 432435.0

query set: [ 0.01345102  0.01939106  0.01506227  0.01049564  0.00327457  0.
  0.          0.0116321   0.01042901  0.01210741  0.          0.01313461
  0.          0.01344134 -0.01346658  0.0088085   0.00309086]
distances: [0.0132511  0.06804398 0.01933026 … 0.01141952 0.01213939
0.00962507]
sorted indices: [5306 1582 1808 … 1107 5226 2486]
selected indices: [5306 1582 1808 1513  398 4330 2454 1432 2829  383]
selected outputs: [[260000.]
 [380000.]
 [250000.]
 [315000.]
 [250000.]
 [190000.]
```

```
 [175000.]
 [450000.]
 [339500.]
 [300000.]]
Predicted value: 290950.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01645907  0.00160518  0.
  0.          0.01938684  0.01216718  0.01155707  0.0276311   0.01315508
  0.          0.01348249 -0.01346878  0.01189469  0.00202813]
distances: [0.03212224 0.06941794 0.03440786 … 0.02956963 0.02983827
0.03007705]
sorted indices: [ 477 3643 1049 … 1107 5226 2486]
selected indices: [ 477 3643 1049  588 4770  211  875 2198 4730  496]
selected outputs: [[ 824500.]
 [ 405000.]
 [1045000.]
 [ 605000.]
 [ 360000.]
 [ 760000.]
 [ 697000.]
 [ 975000.]
 [ 680000.]
 [ 485000.]]
Predicted value: 683650.0

query set: [ 0.01345102  0.01163464  0.01054359  0.01049564  0.00113005  0.
  0.          0.0116321   0.01216718  0.00797988  0.01535061  0.01341436
  0.          0.01345554 -0.0134613   0.01183039  0.00202813]
distances: [0.01670089 0.06733294 0.01881782 … 0.01829903 0.02028045
0.01655579]
sorted indices: [2024  174 4556 … 1107 5226 2486]
selected indices: [2024  174 4556 2572 4274  598   88 3441 3706 3999]
selected outputs: [[420000.]
 [240000.]
 [560000.]
 [255000.]
 [607500.]
 [545000.]
 [405000.]
 [334500.]
 [625000.]
 [485000.]]
Predicted value: 447700.0

query set: [ 0.01345102  0.01163464  0.01054359  0.00930295  0.0031423   0.
  0.          0.0116321   0.01216718  0.01073157  0.          0.01340072
  0.          0.01343017 -0.01345282  0.01183039  0.00453489]
distances: [0.0070372  0.06778428 0.01112998 … 0.00892677 0.01220656
```

0.00712021]
sorted indices: [2459 318 1678 … 1107 5226 2486]
selected indices: [2459 318 1678 2201 766 955 1266 1423 1726 4894]
selected outputs: [[236000.]
 [850000.]
 [267500.]
 [195000.]
 [273500.]
 [522000.]
 [450000.]
 [265000.]
 [220000.]
 [424500.]]
Predicted value: 370350.0

query set: [0.01345102 0.01163464 0.01506227 0.01341772 0.00234164 0.
  0.   0.0116321   0.01390535 0.01547822 0.   0.01360541
  0.   0.01336682 -0.01345128 0.01375926 0.00298662]
distances: [0.01438352 0.06742251 0.01747243 … 0.00122462 0.00552803
0.00824193]
sorted indices: [2722 341 4921 … 1107 5226 2486]
selected indices: [2722 341 4921 1460 1403 3737 569 2116 5524 2839]
selected outputs: [[269100.]
 [302495.]
 [700000.]
 [368250.]
 [569000.]
 [475000.]
 [612000.]
 [549000.]
 [507250.]
 [378000.]]
Predicted value: 473009.5

query set: [0.01345102 0.01163464 0.01506227 0.01687651 0.00120389 0.
  0.   0.0116321   0.01738169 0.01946817 0.   0.01374187
  0.   0.01348456 -0.01347032 0.01144462 0.00202813]
distances: [0.01852381 0.06770136 0.02322049 … 0.0069592 0.00702652
0.01254828]
sorted indices: [152 3437 459 … 1107 5226 2486]
selected indices: [152 3437 459 4529 599 4707 5118 796 1991 5393]
selected outputs: [[880000.]
 [1475000.]
 [599950.]
 [799000.]
 [705380.]
 [595000.]
 [897000.]

```
 [ 316000.]
 [ 475000.]
 [ 718500.]]
Predicted value: 746083.0


query set: [ 0.01345102  0.02714749  0.033137    0.03953755  0.00442452  0.
  0.          0.0116321   0.01738169  0.03391451  0.04349339  0.01367364
  0.          0.01344496 -0.01344093  0.02874013  0.0035042 ]
distances: [0.07092078 0.08632314 0.07224699 … 0.06074914 0.05828268
0.06576723]
sorted indices: [1445 5222 4545 … 1107 5226 2486]
selected indices: [1445 5222 4545 1015 1040 4654 3192 1232 5520 2961]
selected outputs: [[2466350.]
 [2998000.]
 [1650000.]
 [2500000.]
 [4000000.]
 [1855000.]
 [ 932808.]
 [2048000.]
 [1222500.]
 [1450000.]]
Predicted value: 2112265.8


query set: [ 0.01345102  0.01551285  0.02108718  0.02003713  0.00313556  0.
  0.          0.0116321   0.01564352  0.01685407  0.02328176  0.01357812
  0.          0.01337845 -0.01346614  0.01658826  0.00355206]
distances: [0.03329162 0.06882613 0.03506352 … 0.02544653 0.0246276
0.02859173]
sorted indices: [4358 4883 3801 … 1107 5226 2486]
selected indices: [4358 4883 3801 5488 4881 5152 5513 4776   89 3910]
selected outputs: [[ 429900.]
 [ 695000.]
 [ 799000.]
 [1050000.]
 [ 789888.]
 [ 970000.]
 [ 785000.]
 [ 946000.]
 [ 580000.]
 [1311000.]]
Predicted value: 835578.8


query set: [ 0.01345102  0.01551285  0.01506227  0.01872517  0.0070949   0.
  0.          0.01550947  0.01390535  0.01252016  0.03377134  0.01337342
  0.          0.01338249 -0.01346779  0.01735981  0.01034344]
distances: [0.03975497 0.07174612 0.04033075 … 0.03615789 0.03586016
0.03825531]
```

sorted indices: [3893 4161 2383 … 1107 5226 2486]
selected indices: [3893 4161 2383 2046 4302 3690 4214 2312 2303 518]
selected outputs: [[780000.]
 [575000.]
 [449228.]
 [460000.]
 [725000.]
 [770000.]
 [635700.]
 [350000.]
 [965000.]
 [962000.]]
Predicted value: 667192.8

query set: [0.01345102 0.01551285 0.00903736 0.0098993   0.0021243   0.
  0.   0.01938684 0.01216718 0.01141949 0.   0.01328472
  0.   0.01350127 -0.0134635   0.00610808 0.00301785]
distances: [0.0105008 0.06846979 0.01813318 … 0.01476893 0.01650152
0.01178444]
sorted indices: [2444 4917 1228 … 1107 5226 2486]
selected indices: [2444 4917 1228 4187 4092 2301 2208 736 2899 1353]
selected outputs: [[265000.]
 [512500.]
 [261000.]
 [360000.]
 [393500.]
 [415000.]
 [249000.]
 [372000.]
 [535000.]
 [195000.]]
Predicted value: 355800.0

query set: [0.01345102 0.01551285 0.01204982 0.01264247 0.00303123 0.
  0.   0.01938684 0.01216718 0.00729196 0.02711941 0.01342801
  0.   0.01350933 -0.01345282 0.00829413 0.003894]
distances: [0.02971882 0.06970784 0.03238652 … 0.03060428 0.0314528
0.02942648]
sorted indices: [1033 2384 102 … 1107 5226 2486]
selected indices: [1033 2384 102 290 289 3084 2598 1680 315 1050]
selected outputs: [[550000.]
 [560000.]
 [315000.]
 [550000.]
 [360000.]
 [320000.]
 [215000.]
 [453000.]

```
  [274700.]
  [581000.]]
Predicted value: 417870.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00691758  0.00579631  0.
  0.          0.00775473  0.00869084  0.00797988  0.          0.01330519
  0.          0.01342723 -0.01345755  0.00861561  0.00418767]
distances: [0.00682698 0.06891439 0.01148813 … 0.01677897 0.01972587 0.0133869
]
sorted indices: [1394 4062 4280 … 1107 5226 2486]
selected indices: [1394 4062 4280 3946 4225 4642 4423 4240 1988 1343]
selected outputs: [[119500.]
  [225000.]
  [126500.]
  [175000.]
  [205000.]
  [158000.]
  [179900.]
  [305000.]
  [175000.]
  [294950.]]
Predicted value: 196385.0


query set: [ 0.01345102  0.01551285  0.01054359  0.01204613  0.0031301   0.
  0.          0.0116321   0.01216718  0.00756713  0.0235376   0.01347577
  0.          0.01346739 -0.013434    0.01073737  0.003894  ]
distances: [0.02497389 0.06848881 0.02728363 … 0.02605217 0.02691305
0.02508148]
sorted indices: [3832 1176   41 … 1107 5226 2486]
selected indices: [3832 1176   41 3978 2463 3394  785 1141  925 4546]
selected outputs: [[423000.]
  [324000.]
  [220000.]
  [343000.]
  [385000.]
  [360000.]
  [200000.]
  [466000.]
  [430000.]
  [620047.]]
Predicted value: 377104.7


query set: [ 0.01345102  0.00775643  0.00602491  0.00518819  0.00085909  0.
  0.          0.0116321   0.01216718  0.00564095  0.00127922  0.01367364
  0.          0.01345353 -0.01345953  0.00964434  0.00069727]
distances: [0.00555446 0.06909305 0.00889078 … 0.01727935 0.02088919
0.01187485]
sorted indices: [3567 2471 3182 … 1107 5226 2486]
```

```
selected indices: [3567 2471 3182 2367 4084 2696 4516  688 3540 2824]
selected outputs: [[580000.]
 [280000.]
 [ 90000.]
 [412133.]
 [370000.]
 [480000.]
 [290000.]
 [373500.]
 [415000.]
 [500000.]]
Predicted value: 379063.3

query set: [ 0.01345102  0.01163464  0.01506227  0.00870661  0.00243121  0.
  0.          0.0116321   0.01390535  0.01004365  0.          0.01353036
  0.          0.0134623  -0.01344347  0.01228046  0.00311033]
distances: [0.01028168 0.06784613 0.01327158 … 0.00779768 0.01128331 0.0041142
]
sorted indices: [3020 3609 4508 … 1107 5226 2486]
selected indices: [3020 3609 4508 1947 2379  448 3081 1902 1978 4488]
selected outputs: [[260000.]
 [280000.]
 [500000.]
 [449950.]
 [265000.]
 [360400.]
 [216300.]
 [292500.]
 [266000.]
 [280000.]]
Predicted value: 317015.0

query set: [ 0.01345102  0.01551285  0.01054359  0.0142526   0.00385244  0.
  0.          0.0116321   0.01390535  0.01011244  0.0235376   0.01350306
  0.          0.01349197 -0.01344589  0.01356637  0.0048675 ]
distances: [0.02615102 0.06829792 0.02795796 … 0.02514235 0.02543231
0.02569403]
sorted indices: [3978 3303 4833 … 1107 5226 2486]
selected indices: [3978 3303 4833 3731  540 1176 2172 1479 1553  960]
selected outputs: [[343000.]
 [402000.]
 [559000.]
 [470000.]
 [417000.]
 [324000.]
 [432000.]
 [570000.]
 [603000.]
```

```
  [304999.]]
Predicted value: 442499.9


query set: [ 0.01345102  0.01163464  0.00602491  0.0083488   0.00271308  0.
  0.         0.0116321   0.01216718  0.0096309   0.          0.01332566
  0.         0.01351058 -0.01346504  0.010223    0.00342064]
distances: [0.00294686 0.0682803  0.01019971 … 0.01299027 0.01581986
0.00999007]
sorted indices: [1529 4530 2482 … 1107 5226 2486]
selected indices: [1529 4530 2482 3676 3281 4521 4609 1700 4277 2888]
selected outputs: [[340000.]
 [523000.]
 [357000.]
 [414500.]
 [305240.]
 [447000.]
 [375000.]
 [230000.]
 [379950.]
 [273000.]]
Predicted value: 364469.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01783066  0.06936215  0.
  0.         0.0116321   0.01564352  0.02056884  0.          0.01360541
  0.         0.01350551 -0.01342156  0.01825995  0.0874617 ]
distances: [0.11068027 0.12745248 0.10941888 … 0.10898501 0.10869522
0.11205646]
sorted indices: [1259 1488 3765 … 1107 5226 2486]
selected indices: [1259 1488 3765 3965 4934 4694  282 1765 4483  724]
selected outputs: [[ 559000.]
 [ 900000.]
 [ 410000.]
 [ 506000.]
 [ 365000.]
 [ 390000.]
 [ 590000.]
 [ 408506.]
 [1650000.]
 [ 724950.]]
Predicted value: 650345.6


query set: [ 0.01345102  0.01551285  0.01355605  0.01896371  0.00438311  0.
  0.         0.0116321   0.01564352  0.02187589  0.          0.01349624
  0.         0.0134709  -0.01343345  0.01871002  0.00500947]
distances: [0.0230499  0.06845553 0.02512907 … 0.01095125 0.00757031
0.01898046]
sorted indices: [4822 5281 2629 … 1107 5226 2486]
selected indices: [4822 5281 2629 1556  879 4047 5391 4628 1370 5107]
```

```
selected outputs: [[1410000.]
 [ 524225.]
 [ 925000.]
 [ 795000.]
 [ 695000.]
 [ 680000.]
 [ 450000.]
 [ 515500.]
 [ 693000.]
 [ 810000.]]
Predicted value: 749772.5


query set: [ 0.01345102  0.01551285  0.01204982  0.00912405  0.00250922  0.
  0.          0.0116321   0.01216718  0.01052519  0.          0.01333931
  0.          0.01349898 -0.01346449  0.00951575  0.00317037]
distances: [0.00797266 0.06786084 0.01454116 … 0.00998442 0.01217109
0.00620697]
sorted indices: [2561 2272  995 … 1107 5226 2486]
selected indices: [2561 2272  995 1487 1769 3631  398 2907   62 1784]
selected outputs: [[249900.]
 [290000.]
 [239000.]
 [254000.]
 [215000.]
 [575000.]
 [250000.]
 [275000.]
 [320000.]
 [466750.]]
Predicted value: 313465.0


query set: [ 0.01345102  0.01939106  0.02108718  0.01669761  0.00164371  0.
  0.          0.0116321   0.01564352  0.01926179  0.          0.0129845
  0.06697589  0.01346363 -0.01346207  0.01144462  0.0020768 ]
distances: [0.07078573 0.01601651 0.07250663 … 0.06796329 0.06757987
0.06874469]
sorted indices: [3741 1811 2931 … 1107 5226 2486]
selected indices: [3741 1811 2931  350 3775 4646 1798 4686  848 1315]
selected outputs: [[ 797000.]
 [ 460000.]
 [1325000.]
 [ 430000.]
 [ 865000.]
 [ 825000.]
 [ 738950.]
 [ 330000.]
 [ 700000.]
 [ 772650.]]
```

Predicted value: 724360.0

query set: [0.01345102 0.01163464 0.01204982 0.01586273 0.00160518 0.
  0.05102365 0.0116321   0.01390535 0.01334567 0.01842073 0.01303226
  0.   0.01345713 -0.01346999 0.0145951   0.00202813]
distances: [0.05588604 0.08436537 0.05666121 … 0.0544325 0.0546796
0.05506196]
sorted indices: [4695 3663 1495 … 1107 5226 2486]
selected indices: [4695 3663 1495 523 507 233 2139 1936 3720 4614]
selected outputs: [[1230000.]
 [361000.]
 [695000.]
 [830000.]
 [345000.]
 [595000.]
 [871000.]
 [1445000.]
 [1442500.]
 [612000.]]
Predicted value: 842650.0

query set: [0.01345102 0.01163464 0.01958096 0.01836737 0.00388454 0.
  0.   0.0116321   0.01390535 0.01430876 0.02558435 0.01353718
  0.   0.01348883 -0.01347186 0.01350208 0.00266942]
distances: [0.03219331 0.06868447 0.03395962 … 0.02656679 0.02691743
0.02836944]
sorted indices: [89 4474   53 … 1107 5226 2486]
selected indices: [89 4474   53 5112 5332 4358 2803 4420 3801 4776]
selected outputs: [[580000.]
 [879000.]
 [835000.]
 [600000.]
 [999950.]
 [429900.]
 [757000.]
 [390000.]
 [799000.]
 [946000.]]
Predicted value: 721585.0

query set: [0.01345102 0.01163464 0.01355605 0.01073418 0.00308099 0.
  0.03401577 0.0116321   0.01216718 0.00825505 0.01535061 0.01339389
  0.   0.01341999 -0.01345733 0.01093025 0.00547675]
distances: [0.03847378 0.07535552 0.03952108 … 0.03853808 0.03951503
0.03792229]
sorted indices: [4051 1577 4633 … 1107 5226 2486]
selected indices: [4051 1577 4633 2337 4158 132 2338 1491 3921 900]
selected outputs: [[294950.]

```
 [510000.]
 [449500.]
 [304000.]
 [490000.]
 [460000.]
 [560000.]
 [605000.]
 [453500.]
 [625000.]]
Predicted value: 475195.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01383516  0.00160518  0.
  0.          0.0116321   0.01390535  0.01114432  0.01790904  0.01301179
  0.06657504  0.01346982 -0.01346009  0.01388785  0.00202813]
distances: [0.07015028 0.00957232 0.07070017 … 0.06909488 0.0694043
0.06925307]
sorted indices: [4915 1287 4974 … 1107 5226 2486]
selected indices: [4915 1287 4974 1956  830 4861 3064 4439 1088 1767]
selected outputs: [[930000.]
 [731100.]
 [872500.]
 [925000.]
 [855000.]
 [400000.]
 [501000.]
 [715000.]
 [562000.]
 [299000.]]
Predicted value: 679060.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00793136  0.00070082  0.
  0.          0.0116321   0.01390535  0.00914935  0.          0.01374187
  0.          0.01348988 -0.01346812  0.00842272  0.00202813]
distances: [0.0093846  0.0680542  0.01500417 … 0.01061101 0.01405904
0.00272702]
sorted indices: [4587 2092 5234 … 1107 5226 2486]
selected indices: [4587 2092 5234 1753 2843 5311 4300 1707 1115 5523]
selected outputs: [[343000.]
 [443600.]
 [540000.]
 [375000.]
 [375000.]
 [563500.]
 [445700.]
 [305000.]
 [369000.]
 [467000.]]
Predicted value: 422680.0
```

```
query set: [ 0.01345102   0.01163464   0.00602491   0.00757356   0.00235769   0.
  0.          0.0116321    0.01216718   0.00667283   0.0076753    0.01342119
  0.          0.01337853  -0.01346878   0.00829413   0.00296106]
distances: [0.00788306 0.06798172 0.01315986 … 0.01731059 0.0200017
0.01314618]
sorted indices: [4270  636 3998 … 1107 5226 2486]
selected indices: [4270  636 3998  745 4049 4408 1848  893 3828 3834]
selected outputs: [[150000.]
 [294000.]
 [508300.]
 [265000.]
 [325000.]
 [460000.]
 [280000.]
 [372220.]
 [320000.]
 [194000.]]
Predicted value: 316852.0

query set: [ 0.01345102   0.01551285   0.02108718   0.01520675   0.00115573   0.
  0.03401577   0.0116321    0.01390535   0.01293292   0.01714151   0.01362588
  0.          0.01351029  -0.01347087   0.01343778   0.00243375]
distances: [0.04253902 0.07560046 0.0440741  … 0.03890986 0.03896035
0.03952162]
sorted indices: [3480 4847 5323 … 1107 5226 2486]
selected indices: [3480 4847 5323 3798 3877 5217  473 4435 1577 2663]
selected outputs: [[ 830000.]
 [ 866800.]
 [ 735000.]
 [ 839000.]
 [1120275.]
 [ 844000.]
 [ 565000.]
 [ 410000.]
 [ 510000.]
 [ 415000.]]
Predicted value: 713507.5

query set: [ 0.01345102   0.01551285   0.01506227   0.01580309   0.00369834   0.
  0.          0.0116321    0.01390535   0.01451513   0.01381555   0.01356447
  0.          0.01348544  -0.01344853   0.01285912   0.0031152 ]
distances: [0.02075264 0.06680438 0.02402686 … 0.01481888 0.01473854 0.0171167
]
sorted indices: [3945 3224 3525 … 1107 5226 2486]
selected indices: [3945 3224 3525 1632 2325 2510  404 3577 2772 2342]
selected outputs: [[339950.]
 [561500.]
```

```
 [318000.]
 [445000.]
 [883000.]
 [372000.]
 [607010.]
 [365000.]
 [435000.]
 [525000.]]
Predicted value: 485146.0


query set: [ 0.01345102  0.01163464  0.00602491  0.00978003  0.00838772  0.
  0.          0.0116321   0.01042901  0.01128191  0.          0.01347577
  0.          0.0135088  -0.01341749  0.01041589  0.01046026]
distances: [0.01156572 0.06872443 0.01436606 … 0.01593892 0.0180993
0.01601669]
sorted indices: [1757 2745 4152 … 1107 5226 2486]
selected indices: [1757 2745 4152 1125 4295 3562 4447 1611 4601 4060]
selected outputs: [[280000.]
 [289571.]
 [318000.]
 [150000.]
 [300000.]
 [279900.]
 [284000.]
 [239950.]
 [240000.]
 [129000.]]
Predicted value: 251042.1


query set: [ 0.01345102  0.01163464  0.02108718  0.02176652  0.03328248  0.
  0.          0.0116321   0.01738169  0.01410238  0.04093496  0.0137214
  0.          0.01340546 -0.01345183  0.01639538  0.00654679]
distances: [0.05702252 0.08057909 0.05705246 … 0.05298796 0.05277809
0.05530468]
sorted indices: [3321 1376 1823 … 1107 2486 5226]
selected indices: [3321 1376 1823 3536 3181 3953 4103 1821 2128 4519]
selected outputs: [[600000.]
 [785000.]
 [650000.]
 [772000.]
 [735000.]
 [611000.]
 [532500.]
 [605000.]
 [782000.]
 [799000.]]
Predicted value: 687150.0
```

```
query set: [ 0.01345102  0.03878213  0.01807473  0.01741322  0.00120228  0.
  0.          0.01550947  0.01216718  0.01279533  0.02711941  0.01305273
  0.          0.01347992 -0.01346317  0.0116375   0.00151907]
distances: [0.04210011 0.07412308 0.04607899 … 0.03914928 0.03690697 0.0397321
]
sorted indices: [4711 3974 2068 … 1107 5226 2486]
selected indices: [4711 3974 2068  537   72  517  660 2339  488 1174]
selected outputs: [[ 934000.]
 [ 680000.]
 [ 440000.]
 [ 370000.]
 [ 315000.]
 [ 430000.]
 [ 603500.]
 [ 583000.]
 [1125000.]
 [ 725000.]]
Predicted value: 620550.0

query set: [ 0.01345102  0.01939106  0.0165685   0.01532602  0.00414329  0.
  0.          0.0116321   0.01390535  0.01767957  0.          0.01355765
  0.          0.0134567  -0.01343345  0.01658826  0.00524352]
distances: [0.02030383 0.06818078 0.02308421 … 0.0093805  0.00578327
0.01527814]
sorted indices: [5444 4842 4796 … 1107 5226 2486]
selected indices: [5444 4842 4796 1014 5101  901 2389 5068 5491 2647]
selected outputs: [[492500.]
 [955000.]
 [469950.]
 [359950.]
 [450000.]
 [502500.]
 [720000.]
 [419354.]
 [312891.]
 [518000.]]
Predicted value: 520014.5

query set: [ 0.01345102  0.02326928  0.01958096  0.02647763  0.00559374  0.
  0.01700788  0.01550947  0.01564352  0.01527185  0.05679725  0.0133666
  0.          0.01345605 -0.01345326  0.01710263  0.00436777]
distances: [0.06619066 0.08517764 0.06758246 … 0.06230355 0.06135324
0.06408651]
sorted indices: [ 215 3475 4652 … 1107 2486 5226]
selected indices: [ 215 3475 4652 1916   54 3393 4303 2794 2124  171]
selected outputs: [[2250000.]
 [ 818500.]
 [ 605000.]
```

```
[ 860000.]
[1095000.]
[1050000.]
[ 610000.]
[1650000.]
[ 452000.]
[ 595000.]]
Predicted value: 998550.0


query set: [ 0.01345102  0.01163464  0.01204982  0.01204613  0.00274647  0.
  0.          0.01550947  0.01216718  0.00839264  0.02046748  0.01335295
  0.          0.01349811 -0.01345953  0.0102873   0.00330503]
distances: [0.02236325 0.06781888 0.02460816 … 0.02282555 0.02440426
0.02173465]
sorted indices: [1319 4316 3903 … 1107 5226 2486]
selected indices: [1319 4316 3903 4388  176 4352 4354  354 4022 3897]
selected outputs: [[389000.]
 [288000.]
 [305000.]
 [423000.]
 [597500.]
 [385000.]
 [655000.]
 [461000.]
 [465000.]
 [547500.]]
Predicted value: 451600.0


query set: [ 0.01345102  0.01551285  0.01506227  0.0205142   0.0020328   0.
  0.          0.0116321   0.01738169  0.02366448  0.          0.01365317
  0.          0.01344349 -0.01344501  0.02128184  0.00264792]
distances: [0.02660754 0.06917166 0.02823907 … 0.0136188  0.00995166
0.02161989]
sorted indices: [2006 4382 3275 … 1107 5226 2486]
selected indices: [2006 4382 3275 3447 3455 3756  103 2864 2703 2489]
selected outputs: [[616000.]
 [856500.]
 [936000.]
 [806000.]
 [965000.]
 [740000.]
 [730000.]
 [746500.]
 [715000.]
 [680000.]]
Predicted value: 779100.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00846807  0.00231146  0.
```

```
   0.           0.0116321   0.01216718  0.00687921  0.01074543  0.01350306
   0.           0.01343563 -0.01346834  0.00996582  0.0035046 ]
distances: [0.01195964 0.06742039 0.01513368 … 0.01625004 0.01885731
0.01283945]
sorted indices: [3453 2811 2457 … 1107 5226 2486]
selected indices: [3453 2811 2457 3327 2012   47  974 3500 1271 4456]
selected outputs: [[274000.]
 [186000.]
 [453000.]
 [315275.]
 [250000.]
 [370000.]
 [347500.]
 [402000.]
 [395000.]
 [241500.]]
Predicted value: 323427.5

query set: [ 0.01345102  0.01551285  0.0165685   0.0144315   0.001488    0.
  0.           0.01938684  0.01216718  0.01664769  0.           0.01299815
  0.           0.01348515 -0.01346614  0.010223    0.00127772]
distances: [0.01782208 0.06797508 0.02280139 … 0.01015272 0.01063885
0.01218529]
sorted indices: [3312 4389 2828 … 1107 5226 2486]
selected indices: [3312 4389 2828  159 4863 4257 1637 4599 4078 2393]
selected outputs: [[305000.]
 [399000.]
 [774000.]
 [650000.]
 [720000.]
 [890000.]
 [279950.]
 [344000.]
 [500000.]
 [571500.]]
Predicted value: 543345.0

query set: [ 0.01345102  0.01163464  0.0165685   0.01359662  0.00137404  0.
  0.           0.01938684  0.01216718  0.00880539  0.02558435  0.01308003
  0.           0.01348133 -0.01346482  0.01060877  0.00173608]
distances: [0.02956197 0.06907643 0.0314704  … 0.02798425 0.02917953
0.02731705]
sorted indices: [4730  290  289 … 1107 5226 2486]
selected indices: [4730  290  289 4788 5012  477 3881 1283  641    3]
selected outputs: [[680000.]
 [550000.]
 [360000.]
 [607000.]
```

```
  [575000.]
  [824500.]
  [622500.]
  [370000.]
  [700000.]
  [604000.]]
Predicted value: 589300.0


query set: [ 0.01345102  0.00775643  0.01355605  0.00751392  0.0004212   0.
  0.          0.0116321   0.01390535  0.00866781  0.          0.01369411
  0.          0.01347718 -0.01346713  0.00835843  0.00053218]
distances: [0.00897439 0.06828614 0.01369642 … 0.01207534 0.0162639
0.00505456]
sorted indices: [5042 2706 5339 … 1107 5226 2486]
selected indices: [5042 2706 5339 4900 3365  779 5148 4697 2566 3461]
selected outputs: [[562000.]
  [489000.]
  [356000.]
  [476000.]
  [335000.]
  [325000.]
  [548000.]
  [350500.]
  [315000.]
  [398000.]]
Predicted value: 415450.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00781209  0.00223441  0.
  0.          0.01550947  0.01216718  0.00901177  0.          0.01346895
  0.          0.01337036 -0.01344479  0.0101587   0.0029205 ]
distances: [0.00631093 0.06814854 0.01151427 … 0.01162552 0.01486123
0.00717573]
sorted indices: [4007 2669   81 … 1107 5226 2486]
selected indices: [4007 2669   81 3658 1771 4317 1301 3444  259 2146]
selected outputs: [[455000.]
  [450000.]
  [237000.]
  [245000.]
  [246000.]
  [225000.]
  [255000.]
  [217500.]
  [234000.]
  [235000.]]
Predicted value: 279950.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00602307  0.00246652  0.
  0.          0.01938684  0.01216718  0.006948    0.          0.01332566
```

```
    0.          0.0134959  -0.01346295   0.00996582   0.0029493 ]
distances: [0.00861924 0.06899061 0.01221929 … 0.01592054 0.018766
0.01148558]
sorted indices: [1625 2583 1477 … 1107 5226 2486]
selected indices: [1625 2583 1477 3686  604 1208 4319  428 3296 2716]
selected outputs: [[350000.]
 [670000.]
 [258000.]
 [430000.]
 [234000.]
 [310000.]
 [421000.]
 [284950.]
 [350000.]
 [435000.]]
Predicted value: 374295.0

query set: [ 0.01345102  0.01551285   0.01204982   0.01639944   0.00288965  0.
  0.          0.0116321    0.01390535   0.01891783  0.          0.01370094
  0.          0.01342152  -0.01344875   0.00861561   0.00448216]
distances: [0.01627124 0.06762345 0.02267288 … 0.00921205 0.00889468
0.01305149]
sorted indices: [5331 5140 2011 … 1107 5226 2486]
selected indices: [5331 5140 2011 5118 5212 5168 3681  927 5111 4287]
selected outputs: [[ 399500.]
 [ 635000.]
 [ 659000.]
 [ 897000.]
 [ 585000.]
 [ 649000.]
 [ 470000.]
 [1440000.]
 [ 631625.]
 [ 590000.]]
Predicted value: 695612.5

query set: [ 0.01345102  0.01163464  0.0165685    0.01961969   0.00727115  0.
  0.          0.01550947   0.01390535   0.0226326   0.          0.01359859
  0.          0.0134405   -0.01344919   0.01768129   0.00248202]
distances: [0.02470449 0.06858849 0.02640087 … 0.01196977 0.0107334
0.01966755]
sorted indices: [1214 2950 3130 … 1107 5226 2486]
selected indices: [1214 2950 3130 4899 4446 2538 2869  524 2387 4135]
selected outputs: [[ 605000.]
 [ 515000.]
 [1199500.]
 [ 885000.]
 [ 960000.]
```

```
 [ 605000.]
 [ 468000.]
 [ 485000.]
 [ 790000.]
 [ 870000.]]
Predicted value: 738250.0


query set: [ 0.01345102  0.01163464  0.01355605  0.01264247  0.00314744  0.
  0.          0.0116321   0.01216718  0.01458393  0.          0.01360541
  0.          0.01339397 -0.01344556  0.01363067  0.0029205 ]
distances: [0.01254406 0.06740803 0.01552523 … 0.00321322 0.00714087
0.00785075]
sorted indices: [  69  120  894 … 1107 5226 2486]
selected indices: [  69  120  894 2269 1296 3714 2340  296 3737 1403]
selected outputs: [[328000.]
 [196000.]
 [277950.]
 [273000.]
 [492000.]
 [564800.]
 [534950.]
 [285167.]
 [475000.]
 [569000.]]
Predicted value: 399586.7


query set: [ 0.01345102  0.01939106  0.01054359  0.00811027  0.00340587  0.
  0.          0.0116321   0.01216718  0.00729196  0.0076753   0.01341436
  0.          0.01349598 -0.01345315  0.00958004  0.00402989]
distances: [0.0121581  0.06792055 0.01724188 … 0.01649323 0.01743087
0.01323201]
sorted indices: [1134  494 4243 … 1107 5226 2486]
selected indices: [1134  494 4243 4973 1944 3952 2042 1172 3600  189]
selected outputs: [[239900.]
 [330000.]
 [221000.]
 [289950.]
 [345000.]
 [525000.]
 [476500.]
 [295000.]
 [307000.]
 [485000.]]
Predicted value: 351435.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01562419  0.0032155   0.
  0.          0.0116321   0.01390535  0.01802353  0.          0.01361906
  0.          0.01344202 -0.01344765  0.01684545  0.00406274]
```

```
distances: [0.01856119 0.06779123 0.02094823 … 0.00594567 0.00292321
0.01351615]
sorted indices: [3783 2274 5259 … 1107 5226 2486]
selected indices: [3783 2274 5259 4544 2725  137 5132   10 4734 1276]
selected outputs: [[392000.]
 [399900.]
 [620000.]
 [515000.]
 [340000.]
 [480000.]
 [379950.]
 [719000.]
 [393000.]
 [324950.]]
Predicted value: 456380.0


query set: [ 0.01345102  0.01163464  0.00903736  0.00900478  0.00359561  0.
  0.          0.01550947  0.01390535  0.01038761  0.          0.01337342
  0.          0.01338693 -0.01346372  0.01356637  0.0048959 ]
distances: [0.00840394 0.0681122  0.01071651 … 0.01050125 0.01303126
0.00970545]
sorted indices: [2196 4144  420 … 1107 5226 2486]
selected indices: [2196 4144  420 1068 2088  944 3856 1129 3804 1383]
selected outputs: [[318000.]
 [390000.]
 [549500.]
 [235000.]
 [330000.]
 [312500.]
 [244000.]
 [413107.]
 [458000.]
 [985000.]]
Predicted value: 423510.7


query set: [ 0.01345102  0.01551285  0.00602491  0.00769283  0.00160518  0.
  0.          0.0116321   0.01216718  0.00887418  0.          0.01335295
  0.          0.0134373  -0.01346735  0.00925857  0.00101406]
distances: [0.00425832 0.06857257 0.01268951 … 0.01447987 0.01642184 0.0103285
]
sorted indices: [4301 3871  411 … 1107 5226 2486]
selected indices: [4301 3871  411 2487 5312 3990  232 3499 1324 4754]
selected outputs: [[226000.]
 [229000.]
 [475000.]
 [489000.]
 [380000.]
 [253750.]
```

```
 [175000.]
 [185000.]
 [239000.]
 [483000.]]
Predicted value: 313475.0


query set: [ 0.01345102  0.01551285  0.01958096  0.02295921  0.00637     0.
  0.05102365  0.0116321   0.01911985  0.02187589  0.01714151  0.01357129
  0.          0.01346872 -0.0134351   0.0277757   0.00790969]
distances: [0.06329843 0.0872136  0.06297943 … 0.05756636 0.05654028 0.060756
]
sorted indices: [1748 4149 1426 … 1107 5226 2486]
selected indices: [1748 4149 1426 5135  328 1644 2687 3489  656 1996]
selected outputs: [[ 625000.]
 [1387000.]
 [2400000.]
 [1238000.]
 [1875000.]
 [ 817500.]
 [ 901000.]
 [1712500.]
 [ 649000.]
 [ 942000.]]
Predicted value: 1254700.0


query set: [ 0.01345102  0.01551285  0.02259341  0.02081238  0.0029439   0.
  0.          0.0116321   0.01564352  0.02400845  0.          0.01372823
  0.          0.01346171 -0.01344996  0.0116375   0.00343564]
distances: [0.02749178 0.0689253  0.03177603 … 0.01447396 0.01255194
0.02027487]
sorted indices: [4048 5485 5040 … 1107 5226 2486]
selected indices: [4048 5485 5040 5321 5150 5091 2192 3723 5210 4610]
selected outputs: [[ 655500.]
 [1020000.]
 [ 720000.]
 [1600000.]
 [1010000.]
 [1330000.]
 [1438888.]
 [1378000.]
 [ 729000.]
 [1735000.]]
Predicted value: 1161638.8


query set: [ 0.01345102  0.01163464  0.01054359  0.00840844  0.00060965  0.
  0.          0.0116321   0.01390535  0.00969969  0.          0.01374187
  0.          0.01343852 -0.01346614  0.00906568  0.00073459]
distances: [0.00566252 0.06802438 0.01288172 … 0.0107794  0.01400751
```

```
0.00472091]
sorted indices: [5394 5124    20 … 1107 5226 2486]
selected indices: [5394 5124    20 5296    44 2661 5027 2199 5479 2427]
selected outputs: [[279800.]
 [429900.]
 [549000.]
 [425000.]
 [532170.]
 [402500.]
 [413800.]
 [402000.]
 [440000.]
 [500000.]]
Predicted value: 437417.0


query set: [ 0.01345102  0.01163464  0.01958096  0.00852771  0.00040964  0.
  0.          0.0116321   0.01390535  0.00983727  0.          0.01369411
  0.          0.0134821  -0.01346977  0.00919427  0.00050419]
distances: [0.01405696 0.06821192 0.01820823 … 0.01064243 0.01386214
0.00465562]
sorted indices: [2402 4749 5157 … 1107 5226 2486]
selected indices: [2402 4749 5157 5120 3361 4571 1441 1291 5514  923]
selected outputs: [[429000.]
 [530000.]
 [602000.]
 [399000.]
 [322000.]
 [319950.]
 [500000.]
 [469950.]
 [610950.]
 [397000.]]
Predicted value: 457985.0


query set: [ 0.01345102  0.01939106  0.01958096  0.02182616  0.00385083  0.
  0.03401577  0.0116321   0.01738169  0.02517791  0.          0.01368729
  0.          0.01344321 -0.01341254  0.02134614  0.00455963]
distances: [0.04592882 0.07791378 0.04726547 … 0.03827211 0.03657716 0.042261
]
sorted indices: [ 336 2453 1031 … 1107 5226 2486]
selected indices: [ 336 2453 1031 4926 1508 4309 3120 2494 3598 1957]
selected outputs: [[ 780000.]
 [1160000.]
 [1038000.]
 [1225000.]
 [ 725995.]
 [1225000.]
 [ 589000.]
```

```
 [1648000.]
 [ 950000.]
 [1250000.]]
Predicted value: 1059099.5


query set: [ 0.01345102  0.01939106  0.02259341  0.01723432  0.00160518  0.
  0.          0.0116321   0.01216718  0.00901177  0.04042327  0.01368729
  0.          0.01345351 -0.01346053  0.01240905  0.00207558]
distances: [0.04569582 0.07429212 0.04744078 … 0.04261571 0.04250501
0.04280549]
sorted indices: [4898 3518 3407 … 1107 2486 5226]
selected indices: [4898 3518 3407 1355 1551   17 3514 4752 1887 1561]
selected outputs: [[655000.]
 [300000.]
 [780000.]
 [367500.]
 [541125.]
 [345000.]
 [465000.]
 [283450.]
 [515000.]
 [390000.]]
Predicted value: 464207.5


query set: [ 0.01345102  0.01163464  0.00903736  0.00757356  0.00034255  0.
  0.          0.0116321   0.01390535  0.0087366   0.          0.01370776
  0.          0.01349692 -0.0134668   0.00700822  0.00045349]
distances: [0.00458636 0.06838063 0.01353452 … 0.01350233 0.01658012
0.00706622]
sorted indices: [ 180 5479 5296 … 1107 5226 2486]
selected indices: [ 180 5479 5296 5256 5512 3440 5454 2125 2971 5353]
selected outputs: [[306000.]
 [440000.]
 [425000.]
 [230000.]
 [230000.]
 [310000.]
 [435000.]
 [325000.]
 [402000.]
 [500000.]]
Predicted value: 360300.0


query set: [ 0.01345102  0.01163464  0.01506227  0.010436    0.0020389   0.
  0.          0.0116321   0.01216718  0.01203862  0.          0.01372823
  0.          0.01336549 -0.01345612  0.00898852  0.00247107]
distances: [0.01043944 0.06757805 0.01593447 … 0.00754778 0.01132816
0.00374612]
```

```
sorted indices: [3211 3718 3417 … 1107 5226 2486]
selected indices: [3211 3718 3417   242 1179 4688 1242 5357 2271 4338]
selected outputs: [[261500.]
 [415000.]
 [372000.]
 [265000.]
 [375000.]
 [246500.]
 [310000.]
 [268000.]
 [315000.]
 [272000.]]
Predicted value: 310000.0

query set: [ 0.01345102  0.02326928  0.02560587  0.02570239  0.00321036  0.
  0.          0.0116321   0.01390535  0.02029367  0.03479471  0.01370094
  0.          0.01346801 -0.01343477  0.01350208  0.00405625]
distances: [0.0475206   0.07386091 0.05034031 … 0.04041451 0.03897751
0.04313781]
sorted indices: [5243 3698 3407 … 1107 5226 2486]
selected indices: [5243 3698 3407    46 5267 4742   638 5062   606   266]
selected outputs: [[1500000.]
 [ 380000.]
 [ 780000.]
 [ 650000.]
 [1200000.]
 [ 839000.]
 [ 640000.]
 [ 729999.]
 [ 665000.]
 [ 971000.]]
Predicted value: 835499.9

query set: [ 0.01345102  0.01163464  0.01506227  0.01294065  0.00063694  0.
  0.          0.0116321   0.01390535  0.01492789  0.          0.01370094
  0.          0.01344502 -0.01343092  0.01382355  0.00080476]
distances: [0.01402791 0.06749864 0.01725263 … 0.00224409 0.00618402
0.00706798]
sorted indices: [3166   224 3809 … 1107 5226 2486]
selected indices: [3166   224 3809 2225   569 5219   643   679 5189 5524]
selected outputs: [[433500.]
 [470000.]
 [589000.]
 [445000.]
 [612000.]
 [339989.]
 [650000.]
 [259000.]
```

```
 [324747.]
 [507250.]]
Predicted value: 463048.6


query set: [ 0.01345102  0.01939106  0.01958096  0.01991786  0.0029134   0.
  0.          0.0116321   0.01390535  0.01788595  0.01893242  0.01368047
  0.          0.01344629 -0.01341474  0.01780988  0.00269578]
distances: [0.03086673 0.06839003 0.03292094 … 0.02228564 0.02060932
0.02615566]
sorted indices: [5328 2760 5152 … 1107 5226 2486]
selected indices: [5328 2760 5152 3482 5163 5255 4881 5299 5431 3227]
selected outputs: [[ 616950.]
 [ 795000.]
 [ 970000.]
 [ 775000.]
 [ 592000.]
 [ 540000.]
 [ 789888.]
 [ 540000.]
 [ 495000.]
 [1149000.]]
Predicted value: 726283.8


query set: [ 0.01345102  0.01551285  0.02409964  0.02485558  0.00272399  0.
  0.          0.0116321   0.01738169  0.02216482  0.02420279  0.01369411
  0.          0.01337794 -0.01347054  0.02804574  0.00328556]
distances: [0.04300016 0.07218423 0.04275605 … 0.03237781 0.03052834
0.03770704]
sorted indices: [5086 2311 5367 … 1107 5226 2486]
selected indices: [5086 2311 5367 5307 2787 3740 5462 3056 5406 5123]
selected outputs: [[ 909500.]
 [1205000.]
 [ 870000.]
 [ 765000.]
 [ 825000.]
 [ 730000.]
 [1174660.]
 [1150000.]
 [ 620000.]
 [ 887250.]]
Predicted value: 913641.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01836737  0.00179716  0.
  0.          0.0116321   0.01390535  0.02118797  0.          0.01368729
  0.          0.01341592 -0.01345062  0.01980304  0.00215103]
distances: [0.02256577 0.06828614 0.02366327 … 0.0090298  0.00755819
0.01740351]
sorted indices: [5360 5515 1116 … 1107 5226 2486]
```

```
selected indices: [5360 5515 1116 5137 4082 1328 4231 2355 1404 5308]
selected outputs: [[525000.]
 [399950.]
 [500000.]
 [754842.]
 [814842.]
 [485000.]
 [712000.]
 [525000.]
 [735000.]
 [739000.]]
Predicted value: 619063.4

query set: [ 0.01345102  0.01551285  0.0165685   0.01663797  0.00160518  0.
  0.          0.0116321   0.01390535  0.019193    0.          0.01374187
  0.          0.0134289  -0.01340296  0.01684545  0.00224189]
distances: [0.02029826 0.06791408 0.02293432 … 0.00669539 0.00344906
0.01422049]
sorted indices: [5044 5428 2804 … 1107 5226 2486]
selected indices: [5044 5428 2804 5283 4824 4418 5225 5095 5313  616]
selected outputs: [[505657.]
 [499990.]
 [540000.]
 [502000.]
 [676000.]
 [725000.]
 [731500.]
 [515000.]
 [430000.]
 [449950.]]
Predicted value: 557509.7

query set: [ 0.01345102  0.01163464  0.01355605  0.00966076  0.00034511  0.
  0.          0.0116321   0.01390535  0.01059398  0.00204675  0.01370776
  0.          0.01344513 -0.01343081  0.01041589  0.00050176]
distances: [0.00925664 0.06749293 0.01442052 … 0.00833927 0.01177086
0.00266482]
sorted indices: [5233 5033 5400 … 1107 5226 2486]
selected indices: [5233 5033 5400 4740 5324 5336 5028 5242 3762 5136]
selected outputs: [[415000.]
 [425000.]
 [450000.]
 [413450.]
 [489950.]
 [565000.]
 [580000.]
 [772000.]
 [513000.]
```

```
 [524000.]]
Predicted value: 514740.0


query set: [ 0.01345102  0.00775643  0.01506227  0.00584416  0.00028733  0.
  0.          0.0116321   0.01390535  0.00460907  0.00793115  0.01370776
  0.          0.0134584  -0.01347043  0.00630097  0.00036466]
distances: [0.01370796 0.06839579 0.01735279 … 0.01825186 0.02185094
0.01167368]
sorted indices: [1923  148 5122 … 1107 5226 2486]
selected indices: [1923  148 5122  815 5065 4765 5389 2958 4982 4426]
selected outputs: [[367500.]
 [259950.]
 [358000.]
 [374950.]
 [395000.]
 [280000.]
 [380950.]
 [479000.]
 [370000.]
 [330000.]]
Predicted value: 359535.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01228467  0.00134835  0.
  0.          0.0116321   0.01390535  0.01417117  0.          0.01374187
  0.          0.01339708 -0.01342982  0.01523806  0.00170363]
distances: [0.0139092   0.06756772 0.01606338 … 0.00215555 0.00611734
0.00739087]
sorted indices: [5219 5189  679 … 1107 5226 2486]
selected indices: [5219 5189  679  772 2967  224  316 3268 2820 3809]
selected outputs: [[339989.]
 [324747.]
 [259000.]
 [525000.]
 [560000.]
 [470000.]
 [605000.]
 [340000.]
 [561000.]
 [589000.]]
Predicted value: 457373.6


query set: [ 0.01345102  0.01163464  0.01506227  0.01513519  0.00147677  0.
  0.          0.0116321   0.01390535  0.01745944  0.          0.01373505
  0.          0.01336535 -0.01344952  0.01652397  0.001947  ]
distances: [0.01733456 0.06763182 0.01933621 … 0.00314941 0.0043188
0.01148777]
sorted indices: [5174 4535 2776 … 1107 5226 2486]
selected indices: [5174 4535 2776   19 5047 4970  799 5209 1583 5477]
```

```
selected outputs: [[577000.]
 [539900.]
 [729000.]
 [301000.]
 [400000.]
 [523000.]
 [325000.]
 [437000.]
 [574000.]
 [255000.]]
Predicted value: 466090.0


query set: [ 0.01345102  0.01551285  0.0165685   0.02117018  0.00210536  0.
  0.          0.0116321   0.01564352  0.0244212   0.          0.01373505
  0.          0.01349239 -0.0134406   0.02018882  0.0022784 ]
distances: [0.02716689 0.06911127 0.02913575 … 0.01369445 0.01030306
0.02171423]
sorted indices: [5104 5248 5032 … 1107 5226 2486]
selected indices: [5104 5248 5032 5386 5160 1585 2006 5252 3243 2489]
selected outputs: [[859990.]
 [799000.]
 [650000.]
 [780000.]
 [775000.]
 [846450.]
 [616000.]
 [850000.]
 [320000.]
 [680000.]]
Predicted value: 717644.0


query set: [ 0.01345102  0.00775643  0.01807473  0.01317918  0.0012575   0.
  0.          0.0116321   0.01738169  0.01031882  0.01816489  0.01370094
  0.          0.01346666 -0.01345997  0.01105884  0.00159532]
distances: [0.02380888 0.06766342 0.02589755 … 0.0201906  0.02196611
0.01964459]
sorted indices: [4581 5315 1285 … 1107 5226 2486]
selected indices: [4581 5315 1285 5326   40 2704 1077 2859 3682 4702]
selected outputs: [[260000.]
 [749950.]
 [479990.]
 [533500.]
 [453246.]
 [472217.]
 [432500.]
 [300000.]
 [635000.]
 [705000.]]
```

Predicted value: 502140.3

query set: [0.01345102 0.00775643 0.00602491 0.00524782 0.00037401 0.
  0.   0.0116321   0.01390535 0.00605371 0.   0.01368047
  0.   0.01346739 -0.01346064 0.01054448 0.00155152]
distances: [0.00565513 0.06920704 0.00851746 … 0.01660831 0.02007568
0.01153768]
sorted indices: [2824 2367 3567 … 1107 5226 2486]
selected indices: [2824 2367 3567 4084 3795 2471 3540 4948 4516 2331]
selected outputs: [[500000.]
 [412133.]
 [580000.]
 [370000.]
 [337000.]
 [280000.]
 [415000.]
 [874950.]
 [290000.]
 [570000.]]
Predicted value: 462908.3

query set: [0.01345102 0.01163464 0.01506227 0.01061491 0.00089184 0.
  0.   0.0116321   0.01390535 0.01052519 0.00639609 0.01369411
  0.   0.01344745 -0.01346889 0.00887279 0.00081044]
distances: [0.01214255 0.06705483 0.01729836 … 0.01054458 0.01350206
0.00666211]
sorted indices: [5346 945 395 … 1107 5226 2486]
selected indices: [5346 945 395 5457 5496 5072 5517 5325 5310 4392]
selected outputs: [[526000.]
 [416000.]
 [409900.]
 [338000.]
 [453000.]
 [436110.]
 [490000.]
 [357500.]
 [650000.]
 [379770.]]
Predicted value: 445628.0

query set: [0.01345102 0.01939106 0.02108718 0.02164726 0.00260039 0.
  0.   0.0116321   0.01738169 0.02497154 0.   0.01370094
  0.   0.01346058 -0.01344996 0.01112314 0.00334478]
distances: [0.02863382 0.06937819 0.03361115 … 0.01660205 0.01354788
0.02209529]
sorted indices: [5321 2192 3723 … 1107 5226 2486]
selected indices: [5321 2192 3723 5485 4610 5046 5448 5040 5091 5150]
selected outputs: [[1600000.]

```
 [1438888.]
 [1378000.]
 [1020000.]
 [1735000.]
 [1450000.]
 [1698000.]
 [ 720000.]
 [1330000.]
 [1010000.]]
Predicted value: 1337988.8


query set: [ 0.01345102  0.01551285  0.02108718  0.01961969  0.00258723  0.
  0.         0.0116321   0.01564352  0.0226326   0.          0.01372823
  0.         0.01344989 -0.01343015  0.02115325  0.00436372]
distances: [0.02802231 0.06926319 0.02925566 … 0.01372673 0.01068033
0.02140529]
sorted indices: [5379 5280 1872 … 1107 5226 2486]
selected indices: [5379 5280 1872 5092  351 1462 5279 5145 4212  157]
selected outputs: [[699188.]
 [640000.]
 [928950.]
 [695000.]
 [735000.]
 [705000.]
 [852880.]
 [424950.]
 [740000.]
 [720000.]]
Predicted value: 714096.8


query set: [ 0.01345102  0.01551285  0.01958096  0.01592236  0.0016055   0.
  0.         0.0116321   0.01564352  0.01128191  0.02635188  0.01373505
  0.         0.01345252 -0.0134602   0.01035159  0.00202853]
distances: [0.03158421 0.06900957 0.03442517 … 0.02784791 0.02804996
0.02799121]
sorted indices: [ 898  198  961 … 1107 5226 2486]
selected indices: [ 898  198  961  767 1405 3513 2874 2837 5332 2627]
selected outputs: [[ 495000.]
 [ 350000.]
 [ 430000.]
 [ 505000.]
 [ 280500.]
 [ 540000.]
 [ 522500.]
 [1105000.]
 [ 999950.]
 [ 402000.]]
Predicted value: 562995.0
```

```
query set: [ 0.01345102  0.01551285  0.01506227  0.01532602  0.00304021  0.
  0.          0.0116321   0.01564352  0.01767957  0.          0.01368729
  0.          0.01347746 -0.01344886  0.01652397  0.00432518]
distances: [0.01836429 0.06781748 0.02097376 … 0.0059027  0.00225434
0.01316734]
sorted indices: [3026 4403 4213 … 1107 5226 2486]
selected indices: [3026 4403 4213  696 2135  651 4963 2179 3165 2106]
selected outputs: [[372000.]
 [379000.]
 [620000.]
 [405000.]
 [652500.]
 [661000.]
 [369000.]
 [594950.]
 [728000.]
 [616000.]]
Predicted value: 539745.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0098993   0.00054319  0.
  0.          0.0116321   0.01216718  0.01107553  0.00127922  0.01368047
  0.          0.01348461 -0.01346339  0.00777977  0.00049892]
distances: [0.01029079 0.06759941 0.01649926 … 0.00947701 0.01307341
0.00313698]
sorted indices: [1709  845 4689 … 1107 5226 2486]
selected indices: [1709  845 4689 5066 5060 1179 5400 5357 1608 4828]
selected outputs: [[380000.]
 [395000.]
 [403000.]
 [348000.]
 [399000.]
 [375000.]
 [450000.]
 [268000.]
 [260000.]
 [365000.]]
Predicted value: 364300.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01938115  0.00160518  0.
  0.          0.0116321   0.01390535  0.02235743  0.          0.01370094
  0.          0.01343334 -0.01344424  0.02076748  0.00223378]
distances: [0.02455076 0.06869868 0.02604559 … 0.01152313 0.00825734 0.0195933
]
sorted indices: [5221 3875 2489 … 1107 5226 2486]
selected indices: [5221 3875 2489 2703  570 1368 1246 5487  394 5125]
selected outputs: [[530000.]
 [765000.]
```

```
 [680000.]
 [715000.]
 [760000.]
 [762500.]
 [475000.]
 [380000.]
 [810000.]
 [648000.]]
Predicted value: 652550.0


query set: [ 0.01345102  0.01551285  0.01958096  0.01836737  0.00132267  0.
  0.         0.0116321   0.01564352  0.01637252  0.01790904  0.01374187
  0.         0.01348586 -0.01346746  0.00906568  0.00167118]
distances: [0.0270027   0.06755357 0.03133136 … 0.02035528 0.02012805
0.02194273]
sorted indices: [5026 2414 2325 … 1107 5226 2486]
selected indices: [5026 2414 2325 5241  331 3612 5475 2309 3957 1850]
selected outputs: [[1059500.]
 [1008000.]
 [ 883000.]
 [ 382000.]
 [ 735000.]
 [1285000.]
 [ 899000.]
 [ 952000.]
 [ 790000.]
 [ 599950.]]
Predicted value: 859345.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01979859  0.00238498  0.
  0.         0.0116321   0.01564352  0.02283898  0.         0.01374187
  0.         0.01349559 -0.01345271  0.01183039  0.00301339]
distances: [0.02235468 0.06812623 0.02722241 … 0.01086005 0.00852612
0.01724718]
sorted indices: [1814 5370 2034 … 1107 5226 2486]
selected indices: [1814 5370 2034 5460 5147 4505 5173 2040 5273 3448]
selected outputs: [[1255000.]
 [ 810000.]
 [1290000.]
 [ 495000.]
 [ 925000.]
 [1364000.]
 [ 649000.]
 [ 860000.]
 [ 982000.]
 [ 394000.]]
Predicted value: 902400.0
```

query set: [0.01345102 0.01551285 0.02108718 0.01540951 0.00160679 0.
  0.   0.0116321   0.01390535 0.01777588 0.   0.01374187
  0.   0.01337599 -0.01346647 0.01779059 0.00210966]
distances: [0.0221978 0.0682687   0.02400405 … 0.00835534 0.00651187 0.0145079
]
sorted indices: [616 5201 5369 … 1107 5226 2486]
selected indices: [616 5201 5369 5409 4600 1186 5045 5423 5383 5373]
selected outputs: [[449950.]
 [500000.]
 [395000.]
 [525000.]
 [409950.]
 [412000.]
 [359950.]
 [380000.]
 [395950.]
 [459000.]]
Predicted value: 428680.0

query set: [0.01345102 0.01163464 0.01506227 0.01556456 0.00232944 0.
  0.   0.0116321   0.01564352 0.01795474 0.   0.01374187
  0.   0.01348883 -0.01344776 0.01678115 0.00292293]
distances: [0.01818674 0.0677263   0.02015507 … 0.00424891 0.00405418
0.01253498]
sorted indices: [3994 4311 3439 … 1107 5226 2486]
selected indices: [3994 4311 3439 2475 4363 1209 1865 4495 1486 166]
selected outputs: [[546200.]
 [645000.]
 [530000.]
 [657500.]
 [399950.]
 [717000.]
 [425000.]
 [746000.]
 [572500.]
 [695000.]]
Predicted value: 593415.0

query set: [0.01345102 0.01163464 0.01355605 0.00822954 0.0005204   0.
  0.   0.0116321   0.01390535 0.0078423   0.00614024 0.01369411
  0.   0.01348402 -0.01346922 0.00938716 0.00056909]
distances: [0.01021295 0.06749574 0.01488875 … 0.01266323 0.01569509
0.00694253]
sorted indices: [5517 5130 4567 … 1107 5226 2486]
selected indices: [5517 5130 4567 3289 5463 5278 5342 5303 5362   63]
selected outputs: [[490000.]
 [539000.]
 [397500.]

```
 [388500.]
 [365000.]
 [451300.]
 [312000.]
 [562500.]
 [521500.]
 [625504.]]
Predicted value: 465280.4

query set: [ 0.01345102  0.01551285  0.01506227  0.0161609   0.00222703  0.
  0.          0.0116321   0.01216718  0.01864266  0.          0.01370776
  0.          0.01343801 -0.01341375  0.01530235  0.0023794 ]
distances: [0.01832405 0.06767755 0.02153186 … 0.00590049 0.00399747
0.01303622]
sorted indices: [5082  847 2315 … 1107 5226 2486]
selected indices: [5082  847 2315 5408 1276  566 4544 3210 4734   96]
selected outputs: [[625250.]
 [418000.]
 [499000.]
 [734990.]
 [324950.]
 [347000.]
 [515000.]
 [583000.]
 [393000.]
 [552250.]]
Predicted value: 499244.0

query set: [ 0.01345102  0.01551285  0.0165685   0.01383516  0.00139458  0.
  0.          0.0116321   0.01390535  0.01595977  0.          0.01372823
  0.          0.01342978 -0.01344589  0.01485228  0.00152921]
distances: [0.01663588 0.06766014 0.01990279 … 0.00428564 0.00339918 0.009803
]
sorted indices: [2366 5103 4466 … 1107 5226 2486]
selected indices: [2366 5103 4466 4173 3261   23 5002 5433  310 4551]
selected outputs: [[379000.]
 [395000.]
 [490000.]
 [399950.]
 [430000.]
 [360000.]
 [419950.]
 [400000.]
 [305000.]
 [335000.]]
Predicted value: 391390.0

query set: [ 0.01345102  0.01551285  0.02259341  0.02063347  0.00216314  0.
```

```
  0.          0.0116321   0.01911985  0.02380207  0.          0.01373505
  0.          0.01343538 -0.01344391  0.02147473  0.00248243]
distances: [0.03056865 0.06995129 0.03206073 … 0.01624294 0.01303426
0.02344922]
sorted indices: [5092 2589 3028 … 1107 5226 2486]
selected indices: [5092 2589 3028 5405  157 3405 1616 5275  406  954]
selected outputs: [[ 695000.]
 [ 790000.]
 [ 905000.]
 [ 882990.]
 [ 720000.]
 [ 935000.]
 [ 870000.]
 [1060000.]
 [ 797000.]
 [1650000.]]
Predicted value: 930499.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01610126  0.00165334  0.
  0.          0.0116321   0.01564352  0.01857387  0.          0.01369411
  0.          0.01343569 -0.01344424  0.02031741  0.00309086]
distances: [0.02092897 0.06827366 0.02210177 … 0.00816923 0.00448537
0.01578516]
sorted indices: [5376 3113   67 … 1107 5226 2486]
selected indices: [5376 3113   67   49 2136 5483 5139 2543 1805 3174]
selected outputs: [[ 518380.]
 [ 375000.]
 [ 686000.]
 [ 807100.]
 [ 700000.]
 [ 531155.]
 [1035292.]
 [ 755000.]
 [ 419900.]
 [ 627250.]]
Predicted value: 645507.7

query set: [ 0.01345102  0.01163464  0.00903736  0.00846807  0.00038268  0.
  0.          0.0116321   0.01390535  0.0078423   0.00716362  0.01370094
  0.          0.0134586  -0.01346141  0.00861561  0.00049202]
distances: [0.00842356 0.06759608 0.01427324 … 0.01465604 0.01739561
0.00983633]
sorted indices: [ 217 2611 2525 … 1107 5226 2486]
selected indices: [ 217 2611 2525 3038 1591  677 1675 2264 3180 4763]
selected outputs: [[320000.]
 [625000.]
 [386000.]
 [717000.]
```

```
 [625000.]
 [536000.]
 [500000.]
 [190500.]
 [375000.]
 [550000.]]
Predicted value: 482450.0


query set: [ 0.01345102  0.01551285  0.02108718  0.03112911  0.00494749  0.
  0.05102365  0.0116321   0.01911985  0.0244212   0.04272586  0.01368729
  0.          0.0134597  -0.0134373   0.01999593  0.00572905]
distances: [0.07560874 0.09295026 0.07666186 … 0.07032263 0.06943362
0.07304223]
sorted indices: [2992  884 2013 … 1107 5226 2486]
selected indices: [2992  884 2013 3333 2231  278 3171 5397  436 1799]
selected outputs: [[1730000.]
 [2095000.]
 [2900000.]
 [1610000.]
 [1200000.]
 [2450000.]
 [ 625000.]
 [1880000.]
 [2250000.]
 [ 473000.]]
Predicted value: 1721300.0


query set: [ 0.01345102  0.01939106  0.02711209  0.02588129  0.00183697  0.
  0.06803154  0.0116321   0.01738169  0.02985577  0.          0.01371458
  0.          0.01348218 -0.01347263  0.01138032  0.00212953]
distances: [0.07743251 0.09880963 0.0797108  … 0.07218918 0.0713405
0.07420962]
sorted indices: [1817 3319 2378 … 1107 5226 2486]
selected indices: [1817 3319 2378 5220 5165 4795 5180 5041 2880 4192]
selected outputs: [[ 995000.]
 [1260000.]
 [ 780000.]
 [1138990.]
 [1789950.]
 [ 490000.]
 [3204000.]
 [ 915000.]
 [1400000.]
 [ 950000.]]
Predicted value: 1292294.0


query set: [ 0.01345102  0.01551285  0.01807473  0.01222503  0.00128415  0.
  0.          0.0116321   0.01390535  0.01410238  0.          0.01374187
```

```
    0.         0.01339197 -0.01345821  0.0131806   0.0016225 ]
distances: [0.01573938 0.06771755 0.01945624 … 0.00555647 0.00637455 0.0077192
]
sorted indices: [5053 5103 5031 … 1107 5226 2486]
selected indices: [5053 5103 5031 1542 5061 3908 4993 2608 4669 2481]
selected outputs: [[355000.]
 [395000.]
 [493000.]
 [445000.]
 [349900.]
 [361500.]
 [578000.]
 [295000.]
 [449000.]
 [601000.]]
Predicted value: 432240.0


query set: [ 0.01345102  0.01551285  0.02108718  0.01735358  0.00168865  0.
  0.         0.0116321   0.01564352  0.0200185   0.         0.01372823
  0.         0.01343843 -0.01341507  0.01871002  0.00213359]
distances: [0.02457963 0.06859291 0.0264425  … 0.0102612   0.00743984
0.01717596]
sorted indices: [4212  351 5280 … 1107 5226 2486]
selected indices: [4212  351 5280 5369  616  385 2429 5379 1599 5145]
selected outputs: [[740000.]
 [735000.]
 [640000.]
 [395000.]
 [449950.]
 [399000.]
 [695000.]
 [699188.]
 [367500.]
 [424950.]]
Predicted value: 554558.8


query set: [ 0.01345102  0.01551285  0.01958096  0.01717468  0.00190342  0.
  0.         0.0116321   0.01390535  0.01981213  0.         0.01374187
  0.         0.0133701  -0.01346636  0.01851713  0.00237128]
distances: [0.02322908 0.06833122 0.02507843 … 0.00903965 0.00628891
0.01635061]
sorted indices: [ 616  385 1599 … 1107 5226 2486]
selected indices: [ 616  385 1599 5369 5428 4212 2804 5044 5423  351]
selected outputs: [[449950.]
 [399000.]
 [367500.]
 [395000.]
 [499990.]
```

```
 [740000.]
 [540000.]
 [505657.]
 [380000.]
 [735000.]]
Predicted value: 501209.7


query set: [ 0.01345102  0.01939106  0.01807473  0.01329845  0.00210311  0.
  0.         0.0116321   0.01216718  0.00914935  0.02302591  0.01374187
  0.         0.01343    -0.01346317  0.01433792  0.0038437 ]
distances: [0.028482   0.06868708 0.03026902 … 0.02543248 0.02533508
0.02560276]
sorted indices: [1970 2881 4706 … 1107 5226 2486]
selected indices: [1970 2881 4706 2306 3513 4513  141 3771 3212 2874]
selected outputs: [[325000.]
 [311000.]
 [420000.]
 [455000.]
 [540000.]
 [559900.]
 [515000.]
 [552500.]
 [555000.]
 [522500.]]
Predicted value: 475590.0


query set: [ 0.01345102  0.01163464  0.02259341  0.00942222  0.00041831  0.
  0.         0.0116321   0.01390535  0.00921814  0.00614024  0.01371458
  0.         0.01345843 -0.01346262  0.01003011  0.00052488]
distances: [0.01814806 0.06784816 0.0211964  … 0.0133496  0.01593342
0.00981157]
sorted indices: [1080 5094 4044 … 1107 5226 2486]
selected indices: [1080 5094 4044 4592 5289 4297 5089 2771 5437  110]
selected outputs: [[395000.]
 [622000.]
 [525000.]
 [458000.]
 [654000.]
 [346500.]
 [515000.]
 [470000.]
 [448000.]
 [650000.]]
Predicted value: 508350.0


query set: [ 0.01345102  0.00775643  0.01355605  0.00960112  0.0006318   0.
  0.         0.01550947  0.01216718  0.01107553  0.          0.01350306
  0.         0.01343888 -0.01344952  0.01253764  0.00079827]
```

distances: [0.01100705 0.06794671 0.01306251 … 0.00890914 0.01326936
0.00658322]
sorted indices: [25 4126 2143 … 1107 5226 2486]
selected indices: [25 4126 2143 2025 2397 1694 2609 5442 2097 4947]
selected outputs: [[215000.]
 [160000.]
 [245000.]
 [432100.]
 [375000.]
 [378000.]
 [720001.]
 [208400.]
 [335000.]
 [289000.]]
Predicted value: 335750.1

query set: [0.01345102 0.01551285 0.01355605 0.01073418 0.00088349 0.
  0.   0.0116321   0.01390535 0.01238258 0.   0.01374187
  0.   0.01343835 -0.01346603 0.01157321 0.00111628]
distances: [0.01085348 0.06767861 0.01619418 … 0.00685696 0.00851774
0.00518596]
sorted indices: [5264 5057 3635 … 1107 5226 2486]
selected indices: [5264 5057 3635 3859 2020 600 4350 1525 5343 5114]
selected outputs: [[305000.]
 [282000.]
 [355000.]
 [585000.]
 [340000.]
 [815000.]
 [342000.]
 [330000.]
 [335000.]
 [689500.]]
Predicted value: 437850.0

query set: [0.01345102 0.01163464 0.01506227 0.00906442 0.00097627 0.
  0.   0.0116321   0.01216718 0.0104564   0.   0.01370776
  0.   0.01343012 -0.01344468 0.0117018   0.00130976]
distances: [0.01012828 0.06778955 0.01374599 … 0.00772594 0.01150955
0.00271532]
sorted indices: [3103 489 317 … 1107 5226 2486]
selected indices: [3103 489 317 4117 4630 2605 1856 2913 1949 1608]
selected outputs: [[300000.]
 [320000.]
 [359000.]
 [485000.]
 [292000.]
 [355000.]

660

```
 [325000.]
 [394000.]
 [295000.]
 [260000.]]
Predicted value: 338500.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00745429  0.00026036  0.
  0.          0.0116321   0.01390535  0.00859901  0.          0.01374187
  0.          0.01344553 -0.01347065  0.00803695  0.00049973]
distances: [0.00814048 0.06820792 0.01445534 … 0.01171122 0.01507549
0.00346905]
sorted indices: [5453 1095 5048 … 1107 5226 2486]
selected indices: [5453 1095 5048 1409 5500 5211 4939 4300 1707 5208]
selected outputs: [[344000.]
 [318000.]
 [543000.]
 [530000.]
 [440000.]
 [529950.]
 [360000.]
 [445700.]
 [305000.]
 [467000.]]
Predicted value: 428265.0


query set: [ 0.01345102  0.01163464  0.02108718  0.02629873  0.00345307
0.15811388
  0.06803154  0.0116321   0.01911985  0.02359569  0.02507266  0.01374187
  0.          0.01344168 -0.01345051  0.02282494  0.00228529]
distances: [0.17705222 0.18632648 0.17722929 … 0.17497859 0.17473627
0.17597517]
sorted indices: [2875 2921 1458 … 1107 5226 2486]
selected indices: [2875 2921 1458 1439 4032 3905 3755 4273  309 2323]
selected outputs: [[3000000.]
 [2750000.]
 [1850000.]
 [1600000.]
 [1600000.]
 [1650000.]
 [1612500.]
 [2574000.]
 [ 790000.]
 [ 650000.]]
Predicted value: 1807650.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01450306  0.00301485  0.
  0.03401577  0.0116321   0.01564352  0.01673024  0.          0.01368047
  0.          0.01338993 -0.01345733  0.01872288  0.00362304]
```

distances: [0.03855186 0.07593454 0.03888277 … 0.03438794 0.0343755
0.03636748]
sorted indices: [1021 4844 2730 … 1107 5226 2486]
selected indices: [1021 4844 2730 813 1917 5510 2643 3509 3423 2398]
selected outputs: [[725000.]
 [485000.]
 [420000.]
 [1901000.]
 [527900.]
 [388000.]
 [979700.]
 [600000.]
 [850000.]
 [465000.]]
Predicted value: 734160.0

query set: [0.01345102 0.01163464 0.02108718 0.02039493 0.00763617 0.
  0.   0.0116321   0.01564352 0.0235269   0.   0.01374187
  0.   0.0134263 -0.01344005 0.010223   0.00964333]
distances: [0.02730452 0.06905187 0.03105597 … 0.01599842 0.01544653 0.0216798
]
sorted indices: [2062 3079 4097 … 1107 5226 2486]
selected indices: [2062 3079 4097 5040 1941 5359 2111 5485 5173 5091]
selected outputs: [[720000.]
 [805000.]
 [550000.]
 [720000.]
 [765000.]
 [857326.]
 [605000.]
 [1020000.]
 [649000.]
 [1330000.]]
Predicted value: 802132.6

query set: [0.01345102 0.01551285 0.0165685   0.01800956 0.00231242 0.
  0.   0.0116321   0.01564352 0.02077522 0.   0.01374187
  0.   0.01348877 -0.01344754 0.01935298 0.00292659]
distances: [0.02313048 0.06839526 0.02495672 … 0.00949993 0.00577024
0.01743713]
sorted indices: [5420 5054 5079 … 1107 5226 2486]
selected indices: [5420 5054 5079 2546 3825 405 4628 5395 563 3396]
selected outputs: [[879950.]
 [889950.]
 [535000.]
 [730000.]
 [499000.]
 [789500.]

```
  [515500.]
  [525000.]
  [750000.]
  [675000.]]
Predicted value: 678890.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01198053  0.00154097  0.
  0.          0.0116321   0.01390535  0.01382033  0.          0.01372823
  0.          0.01336541 -0.01344996  0.01156035  0.001947  ]
distances: [0.01287321 0.06755321 0.01792064 … 0.00548692 0.00682786
0.00634135]
sorted indices: [3859 2020 5114 … 1107 5226 2486]
selected indices: [3859 2020 5114 4245 4669 4434 1879 1396 5268 2608]
selected outputs: [[585000.]
 [340000.]
 [689500.]
 [772000.]
 [449000.]
 [364950.]
 [272000.]
 [602000.]
 [392000.]
 [295000.]]
Predicted value: 476145.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01139015  0.00067129  0.
  0.          0.0116321   0.01390535  0.01313929  0.          0.01374187
  0.          0.01344627 -0.01342938  0.01048018  0.0006271 ]
distances: [0.0116868  0.06753691 0.01671451 … 0.00563784 0.00930269
0.00353296]
sorted indices: [5077 3077 5430 … 1107 5226 2486]
selected indices: [5077 3077 5430 5093 5197 1790 5128 5075 1750  690]
selected outputs: [[379900.]
 [617000.]
 [671500.]
 [545000.]
 [342000.]
 [517500.]
 [555000.]
 [293000.]
 [596000.]
 [305000.]]
Predicted value: 482190.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01812883  0.00231146  0.
  0.          0.0116321   0.01564352  0.0209128   0.          0.01370094
  0.          0.01351137 -0.01346823  0.01517376  0.00334438]
distances: [0.02097745 0.06796994 0.02454718 … 0.008299    0.00494301
```

0.01570958]
sorted indices: [2040 5187 2202 … 1107 5226 2486]
selected indices: [2040 5187 2202 4357 4169 5147 4020 5235 2799 3610]
selected outputs: [[860000.]
 [415000.]
 [895000.]
 [680000.]
 [595000.]
 [925000.]
 [440000.]
 [416000.]
 [400000.]
 [549000.]]
Predicted value: 617500.0

query set: [0.01345102 0.01163464 0.01506227 0.01073418 0.00087675 0.
  0.   0.0116321   0.01390535 0.01238258 0.   0.01374187
  0.   0.01344335 -0.01341045 0.01157321 0.00132437]
distances: [0.01128194 0.06757857 0.01553271 … 0.00540911 0.00921032
0.00313586]
sorted indices: [5430 2557 1790 … 1107 5226 2486]
selected indices: [5430 2557 1790 1750 1913 690 5093 4178 873 5128]
selected outputs: [[671500.]
 [517500.]
 [517500.]
 [596000.]
 [535000.]
 [305000.]
 [545000.]
 [619500.]
 [595000.]
 [555000.]]
Predicted value: 545700.0

query set: [0.01345102 0.01551285 0.01506227 0.01562419 0.00196282 0.
  0.   0.0116321   0.01564352 0.01802353 0.   0.0137214
  0.   0.01345073 -0.01342938 0.01684545 0.00235587]
distances: [0.01867017 0.06785092 0.0213494 … 0.00577217 0.00111875
0.01308651]
sorted indices: [2524 3427 2207 … 1107 5226 2486]
selected indices: [2524 3427 2207 1562 5071 5192 214 4098   13 4865]
selected outputs: [[352000.]
 [585000.]
 [700000.]
 [742500.]
 [610360.]
 [399895.]
 [370000.]

```
 [560000.]
 [625000.]
 [512000.]]
Predicted value: 545675.5


query set: [ 0.01345102  0.01163464  0.00903736  0.00602307  0.00049632  0.
  0.          0.0116321   0.01390535  0.006948    0.          0.01344848
  0.06727653  0.0134619  -0.01346218  0.00649386  0.00061533]
distances: [0.06745134 0.01753934 0.06857455 … 0.06902365 0.06977988 0.0677946
]
sorted indices: [2982 3969 2296 … 1107 5226 2486]
selected indices: [2982 3969 2296 1337  492 4797 4315  443 2925 4402]
selected outputs: [[717000.]
 [267000.]
 [510000.]
 [199990.]
 [400000.]
 [536000.]
 [465000.]
 [219900.]
 [475000.]
 [485000.]]
Predicted value: 427489.0


query set: [ 0.01345102  0.00775643  0.01054359  0.00614233  0.00035507  0.
  0.          0.0116321   0.01216718  0.0052626   0.00677985  0.01368729
  0.          0.01344491 -0.01347054  0.00662245  0.0004324 ]
distances: [0.01000277 0.06831022 0.01436445 … 0.01776194 0.02148622
0.01146306]
sorted indices: [5389 5043 3531 … 1107 5226 2486]
selected indices: [5389 5043 3531 5204 1923 4228 4473 2901 5055 5519]
selected outputs: [[380950.]
 [349000.]
 [345000.]
 [343000.]
 [367500.]
 [313500.]
 [260000.]
 [289000.]
 [379900.]
 [414500.]]
Predicted value: 344235.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01592236  0.00281388  0.
  0.          0.0116321   0.01564352  0.01836749  0.          0.01368729
  0.          0.01343017 -0.01344402  0.01851713  0.0035553 ]
distances: [0.01983867 0.0680352  0.02167477 … 0.00702115 0.00303932
0.01468995]
```

```
sorted indices: [2543 4403  356 … 1107 5226 2486]
selected indices: [2543 4403  356 2179 5245 4098 5071 3174 3427 1760]
selected outputs: [[755000.]
 [379000.]
 [690000.]
 [594950.]
 [572000.]
 [560000.]
 [610360.]
 [627250.]
 [585000.]
 [635000.]]
Predicted value: 600856.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00882588  0.00047674  0.
  0.          0.0116321   0.01390535  0.00880539  0.00511687  0.01369411
  0.          0.0134726  -0.01346383  0.00945145  0.00051798]
distances: [0.01096866 0.06742979 0.01565609 … 0.01123277 0.01438339
0.00542218]
sorted indices: [5496 5346 5261 … 1107 5226 2486]
selected indices: [5496 5346 5261  945 1590 5278 5517 5130 5511 4333]
selected outputs: [[453000.]
 [526000.]
 [350000.]
 [416000.]
 [670000.]
 [451300.]
 [490000.]
 [539000.]
 [530000.]
 [389999.]]
Predicted value: 481529.9


query set: [ 0.01345102  0.01163464  0.01506227  0.01150942  0.00212012  0.
  0.          0.0116321   0.01216718  0.01327688  0.          0.01374187
  0.          0.01342497 -0.01346658  0.0058509   0.00267875]
distances: [0.01167676 0.06762539 0.01866945 … 0.00945069 0.01277593
0.00628788]
sorted indices: [3951 1179 3211 … 1107 5226 2486]
selected indices: [3951 1179 3211 2916 1709 4229  845 4688 4441 5035]
selected outputs: [[180000.]
 [375000.]
 [261500.]
 [299900.]
 [380000.]
 [467000.]
 [395000.]
 [246500.]
```

```
 [287600.]
 [369950.]]
Predicted value: 326245.0


query set: [ 0.01345102  0.01163464  0.01506227  0.00842633  0.00115573  0.
  0.         0.0116321   0.01390535  0.00972032  0.          0.0137214
  0.         0.01341168 -0.01344919  0.01382355  0.00156936]
distances: [0.01083602 0.06797585 0.01280254 … 0.00790145 0.01125448
0.00431007]
sorted indices: [  71 5333  317 … 1107 5226 2486]
selected indices: [  71 5333  317 1911 3609 5190 4630 1947 4178 1154]
selected outputs: [[516500.]
 [299000.]
 [359000.]
 [440000.]
 [280000.]
 [270000.]
 [292000.]
 [449950.]
 [619500.]
 [302500.]]
Predicted value: 382845.0


query set: [ 0.01345102  0.01939106  0.01807473  0.01252321  0.00313075  0.
  0.         0.0116321   0.01390535  0.00825505  0.02302591  0.01369411
  0.         0.01338676 -0.01346141  0.00816554  0.00413738]
distances: [0.02782381 0.0687906  0.03134389 … 0.02647832 0.02673875
0.02527905]
sorted indices: [ 898 4170  198 … 1107 5226 2486]
selected indices: [ 898 4170  198  767 2657 2306 3602 4088 4690  781]
selected outputs: [[495000.]
 [427000.]
 [350000.]
 [505000.]
 [449500.]
 [455000.]
 [228950.]
 [465000.]
 [418000.]
 [595000.]]
Predicted value: 438845.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01618475  0.00403157  0.
  0.         0.0116321   0.01564352  0.01867018  0.          0.01374187
  0.         0.01339188 -0.01345007  0.01847213  0.00335411]
distances: [0.02017932 0.06806789 0.02200526 … 0.00745549 0.00367482
0.01515932]
sorted indices: [2543 3174 2179 … 1107 5226 2486]
```

```
selected indices: [2543 3174 2179  356 4403 2535 5245 3165 1760 5259]
selected outputs: [[755000.]
 [627250.]
 [594950.]
 [690000.]
 [379000.]
 [563500.]
 [572000.]
 [728000.]
 [635000.]
 [620000.]]
Predicted value: 616470.0

query set: [ 0.01345102  0.00775643  0.01506227  0.00763319  0.00033741  0.
  0.          0.0116321   0.01390535  0.00742955  0.00511687  0.01370776
  0.          0.01346968 -0.01346746  0.0101587   0.00051879]
distances: [0.01160122 0.06779768 0.01426735 … 0.01296586 0.01688068
0.00728983]
sorted indices: [3640 5402  293 … 1107 5226 2486]
selected indices: [3640 5402  293 5418 5347 5257 5459 5117 2958  815]
selected outputs: [[405500.]
 [294000.]
 [285000.]
 [500000.]
 [525000.]
 [425000.]
 [495000.]
 [479000.]
 [479000.]
 [374950.]]
Predicted value: 426245.0

query set: [ 0.01345102  0.02326928  0.03916191  0.03733108  0.00351695  0.
  0.          0.0116321   0.01911985  0.03329538  0.03632978  0.01369411
  0.          0.01346046 -0.01343224  0.01742411  0.0050906 ]
distances: [0.06512861 0.08254603 0.06777558 … 0.05441148 0.05230729
0.05886328]
sorted indices: [1040 1445 4545 … 1107 5226 2486]
selected indices: [1040 1445 4545 3192  614 5222 4818 1232 1015 4654]
selected outputs: [[4000000.]
 [2466350.]
 [1650000.]
 [ 932808.]
 [ 650000.]
 [2998000.]
 [1945000.]
 [2048000.]
 [2500000.]
```

```
 [1855000.]]
Predicted value: 2104515.8


query set: [ 0.01345102  0.01551285  0.01506227  0.01944079  0.00221579  0.
  0.          0.0116321   0.01390535  0.02242623  0.          0.01370094
  0.          0.01342884 -0.01344512  0.02012452  0.00267226]
distances: [0.02431514 0.06861218 0.02600742 … 0.01127684 0.00799537
0.01940669]
sorted indices: [5221 2489 2703 … 1107 5226 2486]
selected indices: [5221 2489 2703  394 5125 1368 1246  570 3875 5487]
selected outputs: [[530000.]
 [680000.]
 [715000.]
 [810000.]
 [648000.]
 [762500.]
 [475000.]
 [760000.]
 [765000.]
 [380000.]]
Predicted value: 652550.0


query set: [ 0.01345102  0.01551285  0.01958096  0.02057384  0.00160518  0.
  0.          0.0116321   0.01390535  0.02373328  0.          0.01370094
  0.          0.01343156 -0.01345799  0.00912998  0.00202813]
distances: [0.02508865 0.06850068 0.0304234  … 0.01344834 0.01205945
0.01857584]
sorted indices: [2034 5485 5173 … 1107 5226 2486]
selected indices: [2034 5485 5173 5370 5040 1814 4048 5150 5460 4505]
selected outputs: [[1290000.]
 [1020000.]
 [ 649000.]
 [ 810000.]
 [ 720000.]
 [1255000.]
 [ 655500.]
 [1010000.]
 [ 495000.]
 [1364000.]]
Predicted value: 926850.0


query set: [ 0.01345102  0.01939106  0.01506227  0.01294065  0.00088349  0.
  0.          0.0116321   0.01390535  0.01492789  0.          0.01374187
  0.          0.01343835 -0.01346603  0.01157321  0.00111628]
distances: [0.01540295 0.06786687 0.02090294 … 0.00850824 0.00724632
0.00988204]
sorted indices: [2295  665 5337 … 1107 5226 2486]
selected indices: [2295  665 5337  725 2694 5306  916 1942 5114 4434]
```

```
selected outputs: [[259875.]
 [337500.]
 [270500.]
 [534000.]
 [302000.]
 [260000.]
 [335000.]
 [385000.]
 [689500.]
 [364950.]]
Predicted value: 373832.5


query set: [ 0.01345102  0.01551285  0.01958096  0.01947657  0.00191627  0.
  0.          0.0116321   0.01390535  0.0224675   0.          0.01374187
  0.          0.01337641 -0.01346647  0.01984805  0.00209668]
distances: [0.02624653 0.06883717 0.02795238 … 0.01205658 0.00910943
0.01975093]
sorted indices: [5145 5379  385 … 1107 5226 2486]
selected indices: [5145 5379  385 5279 5280  351 1599 2429 4212 1462]
selected outputs: [[424950.]
 [699188.]
 [399000.]
 [852880.]
 [640000.]
 [735000.]
 [367500.]
 [695000.]
 [740000.]
 [705000.]]
Predicted value: 625851.8


query set: [ 0.01345102  0.01163464  0.01506227  0.00858734  0.0006944   0.
  0.          0.0116321   0.01216718  0.00990606  0.          0.01368047
  0.          0.01344895 -0.01342773  0.00925857  0.00089521]
distances: [0.00953999 0.06790587 0.01472714 … 0.00958208 0.0132649
0.00205458]
sorted indices: [5066 5320 5060 … 1107 5226 2486]
selected indices: [5066 5320 5060 4689 5277 4828  177 4664 5186 5284]
selected outputs: [[348000.]
 [208800.]
 [399000.]
 [403000.]
 [255900.]
 [365000.]
 [337000.]
 [339900.]
 [305000.]
 [310000.]]
```

```
Predicted value: 327160.0

query set: [ 0.01345102  0.01551285  0.02108718  0.01908298  0.00104337  0.
  0.          0.0116321   0.01564352  0.01836749  0.0135597   0.01369411
  0.          0.01344825 -0.01342795  0.0218605   0.0014858 ]
distances: [0.02940804 0.06833351 0.03010275 … 0.01818202 0.01647418
0.02333876]
sorted indices: [5194 5469 3482 … 1107 5226 2486]
selected indices: [5194 5469 3482 2115 5445 5431 3227 5490 5116 1252]
selected outputs: [[ 855000.]
 [ 775000.]
 [ 775000.]
 [ 473000.]
 [ 612995.]
 [ 495000.]
 [1149000.]
 [ 599832.]
 [1210000.]
 [ 690000.]]
Predicted value: 763482.7

query set: [ 0.01345102  0.01163464  0.01506227  0.02081238  0.00398406  0.
  0.          0.0116321   0.01390535  0.01781716  0.02302591  0.01370776
  0.          0.01342559 -0.01343576  0.01118743  0.00586047]
distances: [0.03037981 0.06812759 0.03325865 … 0.02483861 0.02495961
0.02761281]
sorted indices: [3446 1286 4162 … 1107 5226 2486]
selected indices: [3446 1286 4162   53   89 3841 3258 1170 5108 4474]
selected outputs: [[ 635000.]
 [ 607000.]
 [ 706000.]
 [ 835000.]
 [ 580000.]
 [ 635000.]
 [1300000.]
 [1015000.]
 [ 572800.]
 [ 879000.]]
Predicted value: 776480.0

query set: [ 0.01345102  0.01939106  0.02108718  0.0144315   0.00149924  0.
  0.          0.0116321   0.01216718  0.01664769  0.          0.01373505
  0.          0.0134405  -0.01345931  0.00919427  0.00181233]
distances: [0.02037891 0.06822041 0.02578881 … 0.01143955 0.01067501
0.01297247]
sorted indices: [ 906 3017 1494 … 1107 5226 2486]
selected indices: [ 906 3017 1494 5502 4185 5505 3291 2863 3533 4911]
selected outputs: [[525000.]
```

```
 [419000.]
 [420000.]
 [462500.]
 [337000.]
 [715000.]
 [519950.]
 [425000.]
 [705000.]
 [935000.]]
Predicted value: 546345.0


query set: [ 0.01345102  0.01551285  0.0165685   0.01854627  0.00360363  0.
  0.         0.0116321   0.01390535  0.02139435  0.          0.01372823
  0.         0.01342986 -0.01344369  0.01678115  0.00346201]
distances: [0.02256926 0.06814932 0.02526366 … 0.00923074 0.0061891
0.01706083]
sorted indices: [5493 1599  879 … 1107 5226 2486]
selected indices: [5493 1599  879 1993 5079 5281 5428 2629 2799 2965]
selected outputs: [[579000.]
 [367500.]
 [695000.]
 [580135.]
 [535000.]
 [524225.]
 [499990.]
 [925000.]
 [400000.]
 [422000.]]
Predicted value: 552785.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00972039  0.00045074  0.
  0.         0.0116321   0.01390535  0.00701679  0.01560645  0.01374187
  0.         0.01348023 -0.01346834  0.00912998  0.00067739]
distances: [0.01674237 0.06760834 0.02012144 … 0.01966824 0.0217262
0.01664806]
sorted indices: [5011 4274 2815 … 1107 5226 2486]
selected indices: [5011 4274 2815 4556 3706 3579 4087  598 3626 5184]
selected outputs: [[373000.]
 [607500.]
 [469000.]
 [560000.]
 [625000.]
 [284000.]
 [499950.]
 [545000.]
 [349000.]
 [665000.]]
Predicted value: 497745.0
```

```
query set: [ 0.01345102  0.01163464  0.01506227  0.00805063  0.0004013   0.
  0.          0.0116321   0.01390535  0.0087366   0.00204675  0.01368729
  0.          0.01344757 -0.01347054  0.00867991  0.00035938]
distances: [0.00980563 0.06784578 0.01519826 … 0.01106171 0.01442769
0.00315395]
sorted indices: [5497 1115  269 … 1107 5226 2486]
selected indices: [5497 1115  269 3009 1753 2843 4300 1707 4740  340]
selected outputs: [[377500.]
 [369000.]
 [535000.]
 [530000.]
 [375000.]
 [375000.]
 [445700.]
 [305000.]
 [413450.]
 [340000.]]
Predicted value: 406565.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01258284  0.00170342  0.
  0.          0.0116321   0.01390535  0.01451513  0.          0.01372823
  0.          0.01339295 -0.01343422  0.01446651  0.00215225]
distances: [0.0143472  0.0676057  0.01776812 … 0.00414981 0.00448418
0.00827847]
sorted indices: [2481 2735 5318 … 1107 5226 2486]
selected indices: [2481 2735 5318 4083 2831 4993  645  310 5188 5031]
selected outputs: [[601000.]
 [345000.]
 [383000.]
 [340000.]
 [299900.]
 [578000.]
 [545000.]
 [305000.]
 [540000.]
 [493000.]]
Predicted value: 442990.0

query set: [ 0.01345102  0.01939106  0.02108718  0.02230323  0.00180101  0.
  0.          0.0116321   0.01564352  0.01967454  0.02251423  0.01374187
  0.          0.01348357 -0.01347109  0.00977293  0.00186182]
distances: [0.03426845 0.06911958 0.03847765 … 0.02689186 0.02565794
0.02945182]
sorted indices: [3910 5026 2977 … 1107 5226 2486]
selected indices: [3910 5026 2977 4528 5489 5152 4978 5332  266 4881]
selected outputs: [[1311000.]
 [1059500.]
```

```
[1110000.]
[ 740000.]
[1010800.]
[ 970000.]
[1500000.]
[ 999950.]
[ 971000.]
[ 789888.]]
Predicted value: 1046213.8


query set: [ 0.01345102  0.01551285  0.02108718  0.01902335  0.01009659  0.
  0.          0.0116321   0.01564352  0.02194468  0.          0.01371458
  0.          0.01343396 -0.01341716  0.01928868  0.0295072 ]
distances: [0.03888708 0.07418725 0.03922964 … 0.03089743 0.02970074 0.03608
]
sorted indices: [1300 2055 1366 … 1107 5226 2486]
selected indices: [1300 2055 1366 2227 2273 1104 3435 5329 5155 3467]
selected outputs: [[ 510000.]
 [ 454000.]
 [ 844000.]
 [1175000.]
 [ 725000.]
 [ 864000.]
 [ 896000.]
 [ 925000.]
 [ 749950.]
 [ 785000.]]
Predicted value: 792795.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01830773  0.00206491  0.
  0.          0.0116321   0.01564352  0.02111918  0.          0.01368729
  0.          0.01341917 -0.01345051  0.01871002  0.00207112]
distances: [0.02251681 0.06831903 0.02473846 … 0.00939099 0.00561424
0.01727401]
sorted indices: [ 405 3396 3825 … 1107 5226 2486]
selected indices: [ 405 3396 3825 3433 3336 1246 5181 5487 1368 5054]
selected outputs: [[789500.]
 [675000.]
 [499000.]
 [785000.]
 [419000.]
 [475000.]
 [498445.]
 [380000.]
 [762500.]
 [889950.]]
Predicted value: 617339.5
```

query set: [0.01345102 0.01551285 0.01958096 0.01604163 0.00128254 0.
  0.   0.0116321   0.01564352 0.01417117 0.01611814 0.01374187
  0.   0.01344273 -0.01347021 0.0116375   0.00186182]
distances: [0.02445774 0.06727466 0.02794646 … 0.01777217 0.01768773
0.01910687]
sorted indices: [2414 5475 1850 … 1107 5226 2486]
selected indices: [2414 5475 1850 5241 2309 2342 3957 3612 5059 2325]
selected outputs: [[1008000.]
 [899000.]
 [599950.]
 [382000.]
 [952000.]
 [525000.]
 [790000.]
 [1285000.]
 [489500.]
 [883000.]]
Predicted value: 781345.0

query set: [0.01345102 0.01551285 0.0165685   0.018427   0.00188095 0.
  0.   0.0116321   0.01564352 0.02125676 0.   0.01371458
  0.   0.01346357 -0.01343312 0.0190315   0.00212953]
distances: [0.02343785 0.06842456 0.02550243 … 0.00978757 0.00610773
0.01764044]
sorted indices: [5054 5420 5079 … 1107 5226 2486]
selected indices: [5054 5420 5079 2546 3825 405 3396 1246 5487 563]
selected outputs: [[889950.]
 [879950.]
 [535000.]
 [730000.]
 [499000.]
 [789500.]
 [675000.]
 [475000.]
 [380000.]
 [750000.]]
Predicted value: 660340.0

query set: [0.01345102 0.01163464 0.01807473 0.02063347 0.00171851 0.
  0.   0.0116321   0.01738169 0.01960575 0.01560645 0.01369411
  0.   0.01345795 -0.0134712   0.01581672 0.00256558]
distances: [0.02801546 0.06764008 0.0303313 … 0.0182362 0.01753534
0.02282659]
sorted indices: [3784 5490 5167 … 1107 5226 2486]
selected indices: [3784 5490 5167 5434 5116 3544 1382 5431 3446 5143]
selected outputs: [[915000.]
 [599832.]
 [724500.]

```
 [ 775000.]
 [1210000.]
 [ 870000.]
 [ 550000.]
 [ 495000.]
 [ 635000.]
 [ 550000.]]
Predicted value: 732433.2


query set: [ 0.01345102  0.01551285  0.01958096  0.02600056  0.00192622  0.
  0.05102365  0.0116321   0.01911985  0.02338932  0.02456097  0.01369411
  0.          0.01344522 -0.01342729  0.0277114   0.00243375]
distances: [0.06641884 0.08832762 0.06647478 … 0.06047434 0.05940256
0.06359921]
sorted indices: [5135  328 4149 … 1107 5226 2486]
selected indices: [5135  328 4149 1621 2231 1644 1759  436 3333 1654]
selected outputs: [[1238000.]
 [1875000.]
 [1387000.]
 [1436000.]
 [1200000.]
 [ 817500.]
 [1488000.]
 [2250000.]
 [1610000.]
 [1925000.]]
Predicted value: 1522650.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00757356  0.00042377  0.
  0.          0.0116321   0.01390535  0.0087366   0.          0.01368729
  0.          0.01348846 -0.01346559  0.0088085   0.00053543]
distances: [0.00672089 0.06816417 0.01322798 … 0.01142295 0.01473913
0.00396815]
sorted indices: [  44 5048 5500 … 1107 5226 2486]
selected indices: [  44 5048 5500 5211 1409 1095 5453 2985 5269 4939]
selected outputs: [[532170.]
 [543000.]
 [440000.]
 [529950.]
 [530000.]
 [318000.]
 [344000.]
 [491000.]
 [376000.]
 [360000.]]
Predicted value: 446412.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01140208  0.00160518  0.
```

```
   0.          0.0116321    0.01390535  0.01315305  0.          0.01372823
   0.          0.01339157 -0.01345821  0.01298771  0.00202813]
distances: [0.01278787 0.06762619 0.0169321  … 0.00532665 0.00665421
0.00637333]
sorted indices: [3432 4669 2608 … 1107 5226 2486]
selected indices: [3432 4669 2608 1396 5061 5031 4993 1879  645 2735]
selected outputs: [[420000.]
 [449000.]
 [295000.]
 [602000.]
 [349900.]
 [493000.]
 [578000.]
 [272000.]
 [545000.]
 [345000.]]
Predicted value: 434890.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01127089  0.00208674  0.
   0.          0.0116321    0.01216718  0.01300171  0.          0.01372823
   0.          0.01346832 -0.01343433  0.01504517  0.00304219]
distances: [0.01286804 0.06758844 0.01453561 … 0.00397592 0.00785786
0.00705437]
sorted indices: [2440 5063 5384 … 1107 5226 2486]
selected indices: [2440 5063 5384 3313 1730 2176 5151 2087  623  195]
selected outputs: [[405000.]
 [282000.]
 [255500.]
 [531000.]
 [299000.]
 [285000.]
 [248000.]
 [300000.]
 [335000.]
 [289950.]]
Predicted value: 323045.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01520675  0.00163729  0.
   0.          0.0116321    0.01564352  0.01754199  0.          0.01374187
   0.          0.01348337 -0.01346383  0.00803695  0.00165495]
distances: [0.01581972 0.06752792 0.02193721 … 0.00728055 0.00908309
0.00975752]
sorted indices: [2770 5081 5494 … 1107 5226 2486]
selected indices: [2770 5081 5494 4529 3437  152 5074 5080 5168 1230]
selected outputs: [[ 540000.]
 [ 625000.]
 [ 649950.]
 [ 799000.]
```

```
 [1475000.]
 [ 880000.]
 [ 449950.]
 [ 540000.]
 [ 649000.]
 [ 440000.]]
Predicted value: 704790.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01282138  0.00139073  0.
  0.          0.0116321   0.01390535  0.0147903   0.          0.01373505
  0.          0.01350079 -0.01342453  0.01375926  0.00175717]
distances: [0.01377557 0.06746021 0.01692493 … 0.00153997 0.00601232
0.00704369]
sorted indices: [ 224 3166  569 … 1107 5226 2486]
selected indices: [ 224 3166  569 3809 1460 5524 2225 1420 1403 5219]
selected outputs: [[470000.]
 [433500.]
 [612000.]
 [589000.]
 [368250.]
 [507250.]
 [445000.]
 [463000.]
 [569000.]
 [339989.]]
Predicted value: 479698.9


query set: [ 0.01345102  0.01551285  0.0165685   0.01663797  0.00214613  0.
  0.          0.0116321   0.01390535  0.019193    0.          0.01374187
  0.          0.0134291  -0.01340296  0.01793847  0.00261385]
distances: [0.02076952 0.06801179 0.02288453 … 0.00715021 0.00379766
0.01489041]
sorted indices: [5044 2804 5428 … 1107 5226 2486]
selected indices: [5044 2804 5428  616 5313 4824 1864 4418 4339 5259]
selected outputs: [[505657.]
 [540000.]
 [499990.]
 [449950.]
 [430000.]
 [676000.]
 [564000.]
 [725000.]
 [600000.]
 [620000.]]
Predicted value: 561059.7


query set: [ 0.01345102  0.01939106  0.01958096  0.0180692   0.00237888  0.
  0.          0.0116321   0.01390535  0.0147903   0.02251423  0.01374187
```

```
     0.         0.01344867 -0.01346691  0.01298771  0.00300568]
distances: [0.03066245 0.0684535   0.03363323 … 0.02474088 0.02391546
0.02655935]
sorted indices: [2837 2300 4881 … 1107 5226 2486]
selected indices: [2837 2300 4881 5152 5299 4358 5026 3513 2977 4153]
selected outputs: [[1105000.]
 [ 359999.]
 [ 789888.]
 [ 970000.]
 [ 540000.]
 [ 429900.]
 [1059500.]
 [ 540000.]
 [1110000.]
 [ 332100.]]
Predicted value: 723638.7


query set: [ 0.01345102  0.01551285  0.01807473  0.03291814  0.00266878  0.
  0.05102365  0.0116321   0.01564352  0.02455878  0.04988948  0.01370094
  0.         0.0134522  -0.01344214  0.02423944  0.00335776]
distances: [0.08031785 0.09606407 0.08089785 … 0.07529936 0.07442887 0.078121
]
sorted indices: [ 884 2992 2013 … 1107 5226 2486]
selected indices: [ 884 2992 2013 1987 3979 2795 1870 2231 3333 4171]
selected outputs: [[2095000.]
 [1730000.]
 [2900000.]
 [1212500.]
 [1120000.]
 [ 465000.]
 [1310000.]
 [1200000.]
 [1610000.]
 [1750000.]]
Predicted value: 1539250.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01449114  0.00188352  0.
  0.         0.0116321   0.01216718  0.01671648  0.          0.0137214
  0.         0.01343826 -0.01341386  0.01684545  0.0023794 ]
distances: [0.01670551 0.06760827 0.01820419 … 0.00319757 0.00531209
0.01116758]
sorted indices: [1475 4838  799 … 1107 5226 2486]
selected indices: [1475 4838  799 5441 1178 4412 5214  173 1583   19]
selected outputs: [[535000.]
 [450000.]
 [325000.]
 [480000.]
 [441500.]
```

```
  [455600.]
  [471500.]
  [430000.]
  [574000.]
  [301000.]]
Predicted value: 446360.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0098993   0.00131079  0.
  0.          0.0116321   0.01216718  0.01141949  0.          0.01373505
  0.          0.01339394 -0.0134329   0.01157321  0.00165779]
distances: [0.01050392 0.06764537 0.01438392 … 0.00660793 0.01052924
0.00307219]
sorted indices: [1949 2118 2913 … 1107 5226 2486]
selected indices: [1949 2118 2913 2413 3103 3392 3323 4656 5425 4117]
selected outputs: [[295000.]
  [314950.]
  [394000.]
  [305000.]
  [300000.]
  [452000.]
  [256900.]
  [255950.]
  [312000.]
  [485000.]]
Predicted value: 337080.0


query set: [ 0.01345102  0.00775643  0.00903736  0.00602307  0.00026485  0.
  0.          0.0116321   0.01216718  0.006948    0.          0.01369411
  0.          0.01349375 -0.01346108  0.00725254  0.00043808]
distances: [0.00585948 0.06883517 0.01177263 … 0.01567533 0.01960732
0.00913753]
sorted indices: [5014 5266 5193 … 1107 5226 2486]
selected indices: [5014 5266 5193 2449   11 5421 2600 5159 4501  754]
selected outputs: [[312500.]
  [289000.]
  [340000.]
  [615000.]
  [280000.]
  [374000.]
  [305000.]
  [300500.]
  [345000.]
  [430000.]]
Predicted value: 359100.0


query set: [ 0.01345102  0.00775643  0.00753114  0.00512855  0.00040996  0.
  0.          0.0116321   0.01216718  0.00591612  0.          0.01369411
  0.          0.01345749 -0.01346251  0.00822984  0.00051312]
```

distances: [0.00558628 0.06915246 0.01036257 … 0.01688894 0.02066345
0.01070441]
sorted indices: [3182 2600 5372 … 1107 5226 2486]
selected indices: [3182 2600 5372 2471 2449 2696 688 5052 2210 4146]
selected outputs: [[90000.]
 [305000.]
 [370000.]
 [280000.]
 [615000.]
 [480000.]
 [373500.]
 [299000.]
 [427550.]
 [175000.]]
Predicted value: 341505.0

query set: [0.01345102 0.01163464 0.01506227 0.00793136 0.00038524 0.
  0.   0.0116321   0.01216718 0.00914935 0.   0.01366
  0.   0.0134912 -0.01346581 0.00855131 0.00048918]
distances: [0.00943076 0.0680769 0.01488413 … 0.01086729 0.01446603
0.00282986]
sorted indices: [5236 5186 5320 … 1107 5226 2486]
selected indices: [5236 5186 5320 5060 5284 3009 269 4689 1753 2843]
selected outputs: [[292000.]
 [305000.]
 [208800.]
 [399000.]
 [310000.]
 [530000.]
 [535000.]
 [403000.]
 [375000.]
 [375000.]]
Predicted value: 373280.0

query set: [0.01345102 0.01163464 0.01054359 0.00751392 0.00036373 0.
  0.   0.0116321   0.01216718 0.00557216 0.01151296 0.0137214
  0.   0.01344106 -0.01346768 0.00810125 0.00047539]
distances: [0.01286412 0.06783182 0.01685118 … 0.01845898 0.02113994 0.0136436
]
sorted indices: [175 2153 4999 … 1107 5226 2486]
selected indices: [175 2153 4999 3579 730 2815 4267 2707 4450 5011]
selected outputs: [[530000.]
 [315000.]
 [415000.]
 [284000.]
 [450000.]
 [469000.]

```
 [459500.]
 [340000.]
 [428000.]
 [373000.]]
Predicted value: 406350.0

query set: [ 0.01345102  0.01551285  0.02108718  0.01496821  0.00120806  0.
  0.          0.0116321   0.01390535  0.01368963  0.01330386  0.01373505
  0.          0.0134903  -0.01343928  0.01645967  0.00154949]
distances: [0.0240518  0.06741163 0.02573993 … 0.01544345 0.01519882 0.0178312
]
sorted indices: [1252 5327 4066 … 1107 5226 2486]
selected indices: [1252 5327 4066 4219 5166 1850 5059 5172 1298 5431]
selected outputs: [[690000.]
 [725000.]
 [730000.]
 [767250.]
 [459000.]
 [599950.]
 [489500.]
 [575000.]
 [470000.]
 [495000.]]
Predicted value: 600070.0

query set: [ 0.01345102  0.01163464  0.01506227  0.0098993   0.00157244  0.
  0.          0.0116321   0.01216718  0.01141949  0.          0.0137214
  0.          0.01339375 -0.01343279  0.0116375   0.0018099 ]
distances: [0.01050436 0.0676395  0.0143085  … 0.00655159 0.0104786
0.00325128]
sorted indices: [1949 2413 2118 … 1107 5226 2486]
selected indices: [1949 2413 2118 2729 2913  520 5425 3392 3103 3323]
selected outputs: [[295000.]
 [305000.]
 [314950.]
 [300000.]
 [394000.]
 [280000.]
 [312000.]
 [452000.]
 [300000.]
 [256900.]]
Predicted value: 320985.0

query set: [ 0.01345102  0.01551285  0.01506227  0.01812883  0.00192622  0.
  0.          0.0116321   0.01564352  0.0209128   0.          0.01369411
  0.          0.01339049 -0.01343125  0.01697404  0.00243375]
distances: [0.02157723 0.06811175 0.02447471 … 0.00853828 0.00479714
```

```
0.01624061]
sorted indices: [3396  405 4020 … 1107 5226 2486]
selected indices: [3396  405 4020 5187 3336 5181 1993 3101  444 4623]
selected outputs: [[675000.]
 [789500.]
 [440000.]
 [415000.]
 [419000.]
 [498445.]
 [580135.]
 [340000.]
 [550000.]
 [677000.]]
Predicted value: 538408.0


query set: [ 0.01345102  0.00775643  0.00903736  0.00691758  0.00035892  0.
  0.          0.0116321   0.01390535  0.00701679  0.00358181  0.01369411
  0.          0.01348329 -0.01346922  0.00777977  0.00045349]
distances: [0.00689309 0.0682634  0.01236662 … 0.01529365 0.01902503
0.00925232]
sorted indices: [5519 5375 4381 … 1107 5226 2486]
selected indices: [5519 5375 4381 3531 5464 5055 2901 2230 5105 4473]
selected outputs: [[414500.]
 [375000.]
 [401750.]
 [345000.]
 [403000.]
 [379900.]
 [289000.]
 [422250.]
 [342500.]
 [260000.]]
Predicted value: 363290.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01484894  0.00209861  0.
  0.          0.0116321   0.01390535  0.01712923  0.          0.01373505
  0.          0.01343891 -0.01341518  0.01620249  0.0023721 ]
distances: [0.01731424 0.06769579 0.02007811 … 0.00466327 0.00176893
0.01174992]
sorted indices: [5019  525 5064 … 1107 5226 2486]
selected indices: [5019  525 5064 5237 2725 2045   10 5374 4774 2530]
selected outputs: [[669000.]
 [352000.]
 [385000.]
 [399000.]
 [340000.]
 [425000.]
 [719000.]
```

```
 [365000.]
 [388000.]
 [605000.]]
Predicted value: 464700.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00876624  0.00028026  0.
  0.          0.0116321   0.01738169  0.01011244  0.          0.01370776
  0.          0.0134692  -0.01346779  0.00906568  0.00039224]
distances: [0.00780256 0.06815763 0.01457714 … 0.01105012 0.01370176
0.00578383]
sorted indices: [5394 5029 5247 … 1107 5226 2486]
selected indices: [5394 5029 5247 1313 5124   20 5296 2199 2427   44]
selected outputs: [[279800.]
 [529500.]
 [529500.]
 [639000.]
 [429900.]
 [549000.]
 [425000.]
 [402000.]
 [500000.]
 [532170.]]
Predicted value: 481587.0


query set: [ 0.01345102  0.01163464  0.01506227  0.0095892   0.00154097  0.
  0.          0.0116321   0.01390535  0.01106177  0.          0.01373505
  0.          0.01336538 -0.01345007  0.01291699  0.001947  ]
distances: [0.01089658 0.06773157 0.01388371 … 0.00627304 0.00990968
0.00362976]
sorted indices: [4178 3609 4508 … 1107 5226 2486]
selected indices: [4178 3609 4508 1683 4630 1913 3081 5411 1947 4383]
selected outputs: [[619500.]
 [280000.]
 [500000.]
 [472500.]
 [292000.]
 [535000.]
 [216300.]
 [433190.]
 [449950.]
 [500000.]]
Predicted value: 429844.0


query set: [ 0.01345102  0.01551285  0.01355605  0.01967932  0.00268547  0.
  0.          0.0116321   0.01564352  0.0227014   0.          0.01374187
  0.          0.01344395 -0.01346944  0.00829413  0.00339468]
distances: [0.02141514 0.06812927 0.02756358 … 0.0122452   0.01080325
0.01719084]
```

```
sorted indices: [5370 2034 1814 … 1107 5226 2486]
selected indices: [5370 2034 1814 5173 4505 5118 3964 5460 5147 5168]
selected outputs: [[ 810000.]
 [1290000.]
 [1255000.]
 [ 649000.]
 [1364000.]
 [ 897000.]
 [ 590000.]
 [ 495000.]
 [ 925000.]
 [ 649000.]]
Predicted value: 892400.0


query set: [ 0.01345102  0.01163464  0.01807473  0.00793136  0.00044271  0.
  0.          0.01550947  0.01390535  0.00770472  0.00537271  0.01368047
  0.          0.01346553 -0.0134624   0.0116375   0.00071796]
distances: [0.01437692 0.06783985 0.01678757 … 0.01265291 0.01549818
0.00810015]
sorted indices: [1718  483 5289 … 1107 5226 2486]
selected indices: [1718  483 5289 1142 4297 4184 5511 5069 5501  110]
selected outputs: [[390000.]
 [475000.]
 [654000.]
 [280000.]
 [346500.]
 [265000.]
 [530000.]
 [388000.]
 [390000.]
 [650000.]]
Predicted value: 436850.0


query set: [ 0.01345102  0.01163464  0.01204982  0.00660748  0.00036213  0.
  0.          0.0116321   0.01216718  0.00762217  0.          0.01370776
  0.          0.01348914 -0.01346295  0.00826198  0.00050825]
distances: [0.00650241 0.06839027 0.01284395 … 0.01301648 0.01645365
0.00541747]
sorted indices: [2985 1895 5461 … 1107 5226 2486]
selected indices: [2985 1895 5461 5512 5256 5048 5453 1095 5500 2679]
selected outputs: [[491000.]
 [450000.]
 [295000.]
 [230000.]
 [230000.]
 [543000.]
 [344000.]
 [318000.]
```

```
 [440000.]
 [495000.]]
Predicted value: 383600.0


query set: [ 0.01345102  0.01939106  0.01807473  0.01922014  0.00204532  0.
  0.          0.0116321   0.01564352  0.0221717   0.          0.01374187
  0.          0.01339375 -0.01344589  0.0127241   0.00771905]
distances: [0.0246972   0.06865458 0.02916612 … 0.01342451 0.01024831 0.0192747
]
sorted indices: [5040 5218 3053 … 1107 5226 2486]
selected indices: [5040 5218 3053 2192 3904 5173 5147 5460 2040 3723]
selected outputs: [[ 720000.]
 [ 659950.]
 [ 498500.]
 [1438888.]
 [ 574950.]
 [ 649000.]
 [ 925000.]
 [ 495000.]
 [ 860000.]
 [1378000.]]
Predicted value: 819928.8


query set: [ 0.01345102  0.01551285  0.01506227  0.01371589  0.00143888  0.
  0.          0.0116321   0.01216718  0.01582218  0.          0.01373505
  0.          0.01339406 -0.01343697  0.01478799  0.00155152]
distances: [0.01548006 0.06758348 0.01877709 … 0.00434666 0.00437482
0.00968326]
sorted indices: [5486 2542 3290 … 1107 5226 2486]
selected indices: [5486 2542 3290 5110 4470 3229 3374 3483 3261 1729]
selected outputs: [[337500.]
 [597400.]
 [291375.]
 [320000.]
 [419950.]
 [425000.]
 [280000.]
 [339995.]
 [430000.]
 [332500.]]
Predicted value: 377372.0


query set: [ 0.01345102  0.01551285  0.01506227  0.01956602  0.00171883  0.
  0.          0.0116321   0.01564352  0.02257069  0.          0.01374187
  0.          0.01338484 -0.01344589  0.016704    0.00195308]
distances: [0.0232462   0.06833606 0.02639181 … 0.01036245 0.00696718
0.01797198]
sorted indices: [3080 5181 3336 … 1107 5226 2486]
```

```
selected indices: [3080 5181 3336 5364 1993 2799 5099 5125  394 3396]
selected outputs: [[725000.]
 [498445.]
 [419000.]
 [757500.]
 [580135.]
 [400000.]
 [820000.]
 [648000.]
 [810000.]
 [675000.]]
Predicted value: 633308.0

query set: [ 0.01345102  0.01163464  0.01506227  0.01329845  0.00155703  0.
  0.          0.0116321   0.01390535  0.01534064  0.          0.01374187
  0.          0.01349859 -0.01346471  0.01433792  0.00183059]
distances: [0.01446605 0.06746912 0.01733541 … 0.00070878 0.00538796
0.00798635]
sorted indices: [3809 5524 3166 … 1107 5226 2486]
selected indices: [3809 5524 3166  569  772 3630 3268  341  224  679]
selected outputs: [[589000.]
 [507250.]
 [433500.]
 [612000.]
 [525000.]
 [685000.]
 [340000.]
 [302495.]
 [470000.]
 [259000.]]
Predicted value: 472324.5

query set: [ 0.01345102  0.01551285  0.01506227  0.01668568  0.00163247  0.
  0.          0.0116321   0.01564352  0.01924803  0.          0.0137214
  0.          0.01338583 -0.01344853  0.01608676  0.0023149 ]
distances: [0.01953942 0.06787128 0.02270645 … 0.00658959 0.00255526 0.0139609
]
sorted indices: [4623  214 5192 … 1107 5226 2486]
selected indices: [4623  214 5192 4357 3101 2202 5187 4098 2524 4020]
selected outputs: [[677000.]
 [370000.]
 [399895.]
 [680000.]
 [340000.]
 [895000.]
 [415000.]
 [560000.]
 [352000.]
```

```
    [440000.]]
Predicted value: 512889.5


query set: [ 0.01345102  0.01551285  0.01506227  0.01401406  0.0012071   0.
  0.          0.0116321   0.01390535  0.01616615  0.          0.01374187
  0.          0.01342763 -0.01344148  0.01665256  0.00167767]
distances: [0.01669427 0.06773922 0.01919366 … 0.0045337  0.0025948
0.01091217]
sorted indices: [   23 5175 5019 … 1107 5226 2486]
selected indices: [   23 5175 5019   525 5466 5237 4466 2045 2530 4165]
selected outputs: [[360000.]
 [349990.]
 [669000.]
 [352000.]
 [685000.]
 [399000.]
 [490000.]
 [425000.]
 [605000.]
 [598500.]]
Predicted value: 493349.0


query set: [ 0.01345102  0.01163464  0.01506227  0.01079381  0.00050884  0.
  0.          0.0116321   0.01216718  0.01245137  0.          0.01374187
  0.          0.01348903 -0.01346933  0.01003011  0.00064332]
distances: [0.01100717 0.06758126 0.01610949 … 0.00677092 0.01059617
0.00309517]
sorted indices: [2731 3996 5352 … 1107 5226 2486]
selected indices: [2731 3996 5352 3390 2575 5357 2789 2780 4656 3323]
selected outputs: [[260000.]
 [447000.]
 [294500.]
 [461000.]
 [280000.]
 [268000.]
 [442500.]
 [449000.]
 [255950.]
 [256900.]]
Predicted value: 341485.0


query set: [ 0.01345102  0.00775643  0.01355605  0.00739465  0.00023115  0.
  0.          0.0116321   0.01216718  0.00791109  0.00230259  0.01370094
  0.          0.01344279 -0.01343587  0.00810125  0.00032856]
distances: [0.00916439 0.06806824 0.0136251  … 0.01308701 0.01731781
0.00621058]
sorted indices: [5300 5100 5131 … 1107 5226 2486]
selected indices: [5300 5100 5131 5415 5345 5498 5288 2566 5418 5304]
```

```
selected outputs: [[352499.]
 [325000.]
 [325000.]
 [461100.]
 [325000.]
 [406000.]
 [499950.]
 [315000.]
 [500000.]
 [370000.]]
Predicted value: 387954.9


query set: [ 0.01345102  0.01163464  0.01506227  0.00983966  0.00158239  0.
  0.         0.0116321   0.01216718  0.0104564   0.00332597  0.01369411
  0.         0.01345161 -0.01346075  0.00977293  0.00092766]
distances: [0.01046147 0.06730551 0.01526042 … 0.00892293 0.0124976
0.00402395]
sorted indices: [4237 4740 5072 … 1107 5226 2486]
selected indices: [4237 4740 5072 4333  945 5365 5233 5033 5346 5496]
selected outputs: [[399000.]
 [413450.]
 [436110.]
 [389999.]
 [416000.]
 [379500.]
 [415000.]
 [425000.]
 [526000.]
 [453000.]]
Predicted value: 425305.9


query set: [ 0.01345102  0.01163464  0.01506227  0.01496821  0.00122604  0.
  0.         0.0116321   0.01390535  0.01726682  0.         0.01369411
  0.         0.01348988 -0.01343851  0.01620249  0.00161844]
distances: [0.01702354 0.06760907 0.01919166 … 0.00285724 0.00438814
0.01103987]
sorted indices: [4535 5174 2776 … 1107 5226 2486]
selected indices: [4535 5174 2776 5047   19 1674 4970  799 5455 4838]
selected outputs: [[539900.]
 [577000.]
 [729000.]
 [400000.]
 [301000.]
 [366000.]
 [523000.]
 [325000.]
 [680000.]
 [450000.]]
```

```
Predicted value: 489090.0


query set: [ 0.01345102  0.01163464  0.02108718  0.01997749  0.00161321  0.
  0.03401577  0.0116321   0.01390535  0.01836749  0.01739736  0.01374187
  0.          0.01345345 -0.01346053  0.01305201  0.00207558]
distances: [0.04452065 0.0757064  0.04631697 … 0.03933917 0.03936787
0.04110208]
sorted indices: [5217 5323 4847 … 1107 5226 2486]
selected indices: [5217 5323 4847 4160  740 5170 3480 5051 3877 4435]
selected outputs: [[ 844000.]
 [ 735000.]
 [ 866800.]
 [ 935000.]
 [1010000.]
 [1302000.]
 [ 830000.]
 [1375000.]
 [1120275.]
 [ 410000.]]
Predicted value: 942807.5


query set: [ 0.01345102  0.01939106  0.01958096  0.01699578  0.00146104  0.
  0.          0.0116321   0.01390535  0.01630373  0.01228049  0.01368729
  0.          0.0134313  -0.0134438   0.01832425  0.00196688]
distances: [0.02566251 0.06774582 0.0276178  … 0.01606124 0.01411322
0.02004548]
sorted indices: [5445 3482 1252 … 1107 5226 2486]
selected indices: [5445 3482 1252 5327 5194 5431 5116 5469 2760 4153]
selected outputs: [[ 612995.]
 [ 775000.]
 [ 690000.]
 [ 725000.]
 [ 855000.]
 [ 495000.]
 [1210000.]
 [ 775000.]
 [ 795000.]
 [ 332100.]]
Predicted value: 726509.5


query set: [ 0.01345102  0.01551285  0.01958096  0.02111055  0.05118282  0.
  0.          0.0116321   0.01564352  0.02435241  0.          0.01369411
  0.          0.01347002 -0.01341683  0.01247335  0.15902127]
distances: [0.16640004 0.17724417 0.16580794 … 0.16483754 0.16450769
0.16750049]
sorted indices: [2232 2956 4531 … 5226 1107 2486]
selected indices: [2232 2956 4531 2336 4496  724 2080 4385 1488 1259]
selected outputs: [[550000.]
```

```
  [350000.]
  [345000.]
  [250000.]
  [370000.]
  [724950.]
  [275000.]
  [545000.]
  [900000.]
  [559000.]]
Predicted value: 486895.0


query set: [ 0.01345102  0.01163464  0.01355605  0.00972039  0.00051302  0.
  0.          0.0116321   0.01390535  0.01121311  0.          0.01370094
  0.          0.01348753 -0.01346614  0.00848702  0.00065103]
distances: [0.00900322 0.06775988 0.01551027 … 0.00882793 0.01227791
0.00222367]
sorted indices: [2755 5336 4409 … 1107 5226 2486]
selected indices: [2755 5336 4409 3762 5198 5208 5124 5242 5324 5028]
selected outputs: [[436000.]
  [565000.]
  [430000.]
  [513000.]
  [439000.]
  [467000.]
  [429900.]
  [772000.]
  [489950.]
  [580000.]]
Predicted value: 512185.0


query set: [ 0.01345102  0.01163464  0.01054359  0.00892129  0.00045683  0.
  0.          0.0116321   0.01390535  0.00858526  0.00634492  0.01368729
  0.          0.01349449 -0.01346702  0.00938716  0.0005772 ]
distances: [0.00854218 0.06740911 0.01407377 … 0.01278026 0.01564336
0.00804326]
sorted indices: [ 677 5517 3038 … 1107 5226 2486]
selected indices: [ 677 5517 3038  348 2525 2284  217 2611 5342 5362]
selected outputs: [[536000.]
  [490000.]
  [717000.]
  [600000.]
  [386000.]
  [720000.]
  [320000.]
  [625000.]
  [312000.]
  [521500.]]
Predicted value: 522750.0
```

```
query set: [ 0.01345102  0.01163464  0.01958096  0.00822954  0.00035988  0.
  0.          0.0116321   0.01390535  0.00949331  0.          0.01370094
  0.          0.01347941 -0.01346636  0.00842272  0.0005699 ]
distances: [0.01397683 0.06829104 0.01842822 … 0.01136943 0.01458468 0.0049281
]
sorted indices: [2402 5157 4749 … 1107 5226 2486]
selected indices: [2402 5157 4749 3361 5120 4571 1441  923 1291 4445]
selected outputs: [[429000.]
 [602000.]
 [530000.]
 [322000.]
 [399000.]
 [319950.]
 [500000.]
 [397000.]
 [469950.]
 [474800.]]
Predicted value: 444370.0


query set: [ 0.01345102  0.01551285  0.02108718  0.02564275  0.03494962  0.
  0.          0.0116321   0.01911985  0.02958061  0.          0.01374187
  0.          0.01346926 -0.0134285   0.02989745  0.04360389]
distances: [0.06599127 0.08964789 0.06468294 … 0.05881026 0.05729593
0.06450927]
sorted indices: [1380 3949 1284 … 1107 5226 2486]
selected indices: [1380 3949 1284 2370 4807 2861 2866 2343 2792 2435]
selected outputs: [[ 864000.]
 [ 560000.]
 [1100000.]
 [1680000.]
 [ 760000.]
 [ 427000.]
 [1400000.]
 [ 651000.]
 [1610000.]
 [ 665000.]]
Predicted value: 971700.0


query set: [ 0.01345102  0.00775643  0.01355605  0.00697721  0.00032457  0.
  0.          0.0116321   0.01216718  0.00804868  0.          0.01370776
  0.          0.01344276 -0.01343598  0.00797265  0.00030422]
distances: [0.00885917 0.06841405 0.01345168 … 0.01306422 0.01733409 0.0058863
]
sorted indices: [5345 2566 5100 … 1107 5226 2486]
selected indices: [5345 2566 5100 5131 5339 4900 5042 2706 5270 5300]
selected outputs: [[325000.]
 [315000.]
```

```
[325000.]
[325000.]
[356000.]
[476000.]
[562000.]
[489000.]
[163800.]
[352499.]]
Predicted value: 368929.9


query set: [ 0.01345102  0.01551285  0.02108718  0.01699578  0.00179042  0.
  0.          0.0116321   0.01390535  0.01341446  0.02302591  0.01374187
  0.          0.01344081 -0.01344908  0.01832425  0.00231531]
distances: [0.03157191 0.06872813 0.03244994 … 0.0247438  0.02435776 0.0269966
]
sorted indices: [5059 4776 4358 … 1107 5226 2486]
selected indices: [5059 4776 4358 5513 5299 1250 1062 5488 4881 3092]
selected outputs: [[ 489500.]
 [ 946000.]
 [ 429900.]
 [ 785000.]
 [ 540000.]
 [ 620000.]
 [ 615000.]
 [1050000.]
 [ 789888.]
 [ 744000.]]
Predicted value: 700928.8


query set: [ 0.01345102  0.01163464  0.01054359  0.00894515  0.00384216  0.
  0.          0.0116321   0.01042901  0.01031882  0.          0.01374187
  0.          0.0133798  -0.01342817  0.00848702  0.00458478]
distances: [0.00644063 0.06791538 0.01277114 … 0.01132861 0.01471891
0.00789316]
sorted indices: [1354 3654  918 … 1107 5226 2486]
selected indices: [1354 3654  918 2154  917 3722  575 1734   92 2132]
selected outputs: [[350000.]
 [265800.]
 [225000.]
 [224000.]
 [308550.]
 [418900.]
 [310000.]
 [280000.]
 [230000.]
 [403000.]]
Predicted value: 301525.0
```