Predicting house prices using k-nearest neighbors regression

8 试题

1 point

1.

From the section "Compute a single distance": we take our query house to be the first house of the test set.

What is the Euclidean distance between the query house and the 10th house of the training set? Enter your answer in American-style decimals (e.g. 0.044) rounded to 3 decimal places.

0.060

1 point

2.

From the section "Compute multiple distances": we take our query house to be the first house of the test set.

Among the first 10 training houses, which house is the closest to the query house? Enter the 0-based index of the closest house.

8

1 poin	t			
3.				
From t	he section "Perform 1-nearest neighbor regression":			
(featu	Take the query house to be third house of the test set (features_test[2]). What is the (0-based) index of the house in the training set that is closest to this query house?			
38.	2			
1 poin	t			
4. From t	he section "Perform 1-nearest neighbor regression":			
	ne section i enorm i nearesche.g. ison regression i			
(/ 0 0 0 0	he query house to be third house of the test set res_test[2]). What is the predicted value of the query			
house answe 30000				
house answe 30000 24	res_test[2]). What is the predicted value of the query based on 1-nearest neighbor regression? Enter your er in simple decimals without comma separators (e.g. 0), rounded to nearest whole number.			
house answe 30000 24	res_test[2]). What is the predicted value of the query based on 1-nearest neighbor regression? Enter your er in simple decimals without comma separators (e.g. 0), rounded to nearest whole number.			
1 point 5.	res_test[2]). What is the predicted value of the query based on 1-nearest neighbor regression? Enter your er in simple decimals without comma separators (e.g. 0), rounded to nearest whole number.			
1 poin 5. From t Take t (featur	res_test[2]). What is the predicted value of the query based on 1-nearest neighbor regression? Enter your er in simple decimals without comma separators (e.g. 0), rounded to nearest whole number.			
1 poin Take to (featur training)	res_test[2]). What is the predicted value of the query based on 1-nearest neighbor regression? Enter your er in simple decimals without comma separators (e.g. 0), rounded to nearest whole number. 9000 the section "Perform k-nearest neighbor regression": The query house to be third house of the test set the query house to the following is NOT part of the 4 and houses closest to the query house? (Note that all			
1 poin 5. From t Take t (featur training)	tes_test[2]). What is the predicted value of the query based on 1-nearest neighbor regression? Enter your er in simple decimals without comma separators (e.g. 0), rounded to nearest whole number. 9000 the section "Perform k-nearest neighbor regression": The query house to be third house of the test set the query house to the following is NOT part of the 4 and houses closest to the query house? (Note that all is are 0-based.)			

	training house with index 3142
	training house with index 4087
1 poir	nt
6.	
From 1	the section "Perform k-nearest neighbor regression":
(featu simpl decim	the query house to be third house of the test set ures_test[2]). Predict the value of the query house by the e averaging method. Enter your answer in simple hals without comma separators (e.g. 241242), rounded to est whole number.
41	3987
predic k=10. <i>What</i>	the section "Perform k-nearest neighbor regression": Make attion for the first 10 houses using k-nearest neighbors with a sis the index of the house in this query set that has the set predicted value? Enter an index between 0 and 9.
6	•

From the section "Perform k-nearest neighbor regression": We use a validation set to find the best k value, i.e. one that minimizes the RSS on validation set.

If we perform k-nearest neighbors with optimal k found above, what is the RSS on the TEST data? Choose the range that contains this value.

	Between 8e13 and 2e14	
	Between 2e14 and 5e14	
\bigcirc	Between 5e14 and 8e14	
	Between 8e14 and 1e15	
	Between 1e15 and 3e15	
<u></u>	我了解不是我自己完成的作业将永远不会通过该课程且我的 Coursera 帐号会被取消激活。 了解荣誉准则的更多信息 沈伟臣	
提交测试		

