## Predicting house prices using knearest neighbors regression

8 questions			
1 point			
1.			
From the secti	on "Compute a s house of the test		take our query hous
10th house of	f the training se	-	uery house and the wer in American-sty es.
0.022			
1 point			
	on "Compute mu house of the test	•	ve take our query hoા
	rst 10 training h	ouses, which hou	se is the closest to t
_	_	sed index of the cl	osest nouse.
_	_	sed index of the cl	osest nouse.
query house?	_	sed index of the cl	osest nouse.
query house?	_	sed index of the cl	osest nouse.

3.

From the section "Perform 1-nearest neighbor regression":

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?

trainir	ng set that is closest to this query house?
382	2
1	
point	t
4.	
From t	he section "Perform 1-nearest neighbor regression":
	the query house to be third house of the test set
-	res_test[2]). What is the predicted value of the query house on 1-nearest neighbor regression? Enter your answer in
•	e decimals without comma separators (e.g. 300000), rounded to st whole number.
249	9000
1	
point	t
5.	
From t	he section "Perform k-nearest neighbor regression":
(featu	the query house to be third house of the test set res_test[2]). Which of the following is NOT part of the 4 ng houses closest to the query house? (Note that all indices are ed.)
0	training house with index 382
0	training house with index 1149
0	training house with index 2818
0	training house with index 3142
0	training house with index 4087

6.			
	ne section "Perform k-nearest neighbor regression":		
Take the query house to be third house of the test set (features_test[2]). Predict the value of the query house by the simpaveraging method. Enter your answer in simple decimals without comma separators (e.g. 241242), rounded to nearest whole number			
	3988		
1 point			
	ne section "Perform k-nearest neighbor regression": Make ion for the first 10 houses using k-nearest neighbors with k=10.		
nredic			
6	ted value? Enter an index between 0 and 9.		
6			
6			
6  1 point 8. From t	ne section "Perform k-nearest neighbor regression": We use a on set to find the best k value, i.e. one that minimizes the RSS on		
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6  1 point 8. From t validat validat	ne section "Perform k-nearest neighbor regression": We use a on set to find the best k value, i.e. one that minimizes the RSS on on set.		
6  1 point 8. From t validat validat	ne section "Perform k-nearest neighbor regression": We use a on set to find the best k value, i.e. one that minimizes the RSS on on set.  Serform k-nearest neighbors with optimal k found above, where the test data? Choose the range that contains this		
6  1 point 8. From t validat validat	ne section "Perform k-nearest neighbor regression": We use a on set to find the best k value, i.e. one that minimizes the RSS on on set.  Serform k-nearest neighbors with optimal k found above, who RSS on the TEST data? Choose the range that contains this  Between 8e13 and 2e14		

## Submit Quiz

