Question 1 Not yet answered Marked out of 1.00	Enter the MAP performance of the LTR model using the 3 features where PL2 was used to generate the sample. Report the performance rounded to 4 decimal places. Answer:
₹ Flag question	
Question 2 Not yet answered Marked out of 1.00 F Flag question	Enter the P@S performance of the LTR model using the 3 features where PL2 was used to generate the sample. Report the performance rounded to 4 decimal places. Answer:
Question 3 Not yet answered Marked out of 1.00 P Flag question	Using the AP measure, enter the returned p-value of the t-test comparing the performance of the LTR model with the 3 features to the PL2 baseline on the "hp" topic set. Answer:
Question 4 Not yet answered Marked out of 1.00	Using the P@5 measure, enter the returned p-value of the t-test comparing the performance of the LTR model with the 3 features to the PL2 baseline on the "hp" topic set. Answer:
₹ Flag question	Assignment Project Exam Help
	Ouestion 5 Not yet answered Marked out of 1.00 P Flag question Now seate little uptoyed ETR system (Microre rams the PD sample) is better by a statistically significant margin than PL2 on the AP metric. Select one: True Fals F
	Question 6 Now state if the deployed LTR system (which re-ranks the PL2 sample) is better by a statistically significant margin than PL2 on the P@5 metric. Now state if the deployed LTR system (which re-ranks the PL2 sample) is better by a statistically significant margin than PL2 on the P@5 metric. Select one: True Flag question False
	Question 7 Not yet answered Not graded Final question 7 Not yet answered Not graded or your URL length implementation, which counts the number of slash characters ("/") in the URL (henceforth called URL-slashes). Following software engineering best practices, add comments as appropriate in your code to explain its main logic. Add also the tests you conducted to check your code works as expected. Marks can be lost in the following Q8-questions if the code is not properly commented/tested. NB: a 2-bands penalty will be applied for not pasting your full code for Q2 (a) if you answer the following questions (Q8-18).
	1 A * B I = 5 % # O = *

Not yet answered Marked out of	Using your URL-slashes ranker to re-rank the PL2 candidate set alone, enter the <i>Docno</i> of the top-ranked document for the query 'cryption'.
2.00 Flag question	Answer:
Question 9 Not yet answered Marked out of	Enter the MAP performance of re-ranking PL2 using your URL-slashes feature implementation. Report performances rounded to 4 decimal places.
0.50 Flag question	Answer:
Question 10	Enter the P@5 performance of re-ranking PL2 using your URL-slashes feature implementation. Report performances rounded to 4 decimal places.
Not yet answered Marked out of	Answer:
0.50 P Flag question	
Not yet answered Marked out of 0.50 F Flag	Now use your URL-slashes feature as a 4th feature in a physical Experiment Project Exam Help Answer:
question	
	https://tutorcs.com
question	
Question 12 Not yet answered Marked out of 0.50 F Flag	https://tutorcs.com Enter the P@5 performance of the resulting LTR model with 4 features (the initial 3 + your URL-slashes feature). Report performances rounded to 4 decimals. Answer: WeChat: cstutorcs
Question 12 Not yet answered Marked out of 0.50 Ye Flag question Question 13 Not yet answered	https://tutorcs.com Enter the P@S performance of the resulting LTR model with 4 features (the initial 3 + your URL-slashes feature). Report performances rounded to 4 decimals. Answer:
Question 12 Not yet answered Marked out of 0.50 Fr Flag question Question 13 Not yet	https://tutorcs.com Enter the P@5 performance of the resulting LTR model with 4 features (the initial 3 + your URL-slashes feature). Report performances rounded to 4 decimals. Answer: WeChat: cstutorcs Enter the number of queries that have been improved according to the AP measure after the deployment of the 4-features LTR model with respect to the LTR baseline (3 features).
Question 12 Not yet answered Marked out of 0.50 Ye Flag question Question 13 Not yet answered Marked out of 0.50 Ye Flag question Question 14	https://tutorcs.com Enter the P@5 performance of the resulting LTR model with 4 features (the initial 3 + your URL-slashes feature). Report performances rounded to 4 decimals. Answer: WeChat: cstutorcs Enter the number of queries that have been improved according to the AP measure after the deployment of the 4-features LTR model with respect to the LTR baseline (3 features).
Question 12 Not yet answered Marked out of 0.50 Frag question Question 13 Not yet answered Marked out of 0.50 Frag question	https://tutorcs.com Enter the P@5 performance of the resulting LTR model with 4 features (the initial 3 + your URL-slashes feature). Report performances rounded to 4 decimals. Answer: WeChat: cstutorcs Enter the number of queries that have been improved according to the AP measure after the deployment of the 4-features LTR model with respect to the LTR baseline (3 features). Answer:
Question 12 Not yet answered Marked out of 0.50 PF Flag question Question 13 Not yet answered Marked out of 0.50 PF Flag question	https://tutorcs.com Enter the P@5 performance of the resulting LTR model with 4 features (the initial 3 + your URL-slashes feature). Report performances rounded to 4 decimals. Answer: WeChat: cstutorcs Enter the number of queries that have been improved according to the AP measure after the deployment of the 4-features LTR model with respect to the LTR baseline (3 features). Answer: Enter the number of queries that have been improved according to the P@5 measure after the deployment of the 4-features LTR model with respect to the LTR baseline (3 features).

Question 15 Enter the returned p-value of the t-test comparing the resulting 4-features LTR model to the LTR baseline (3 features) on the MAP metric. Not vet answered Marked out of ▼ Flag Answer: question Question 16 Enter the returned p-value of the t-test comparing the resulting 4-features LTR model to the LTR baseline (3 features) on the P@5 metric Not yet Answer: Marked out of ₹ Flag question Question 17 Using the outcome of the t-test, state which of the following statements is correct. Not yet NB: note that wrong answers will be penalised in the marking answered Marked out of Select one or more: ▼ Flag question 🔲 a. Adding the URL-slashes feature to the learned model resulted in a significantly increased P@5 performance compared to the baseline 🔘 b. Adding the URL-slashes feature to the learned model did not result into a significant MAP performance difference compared to the baseline __c. Adding the URL-slashes feature to the learned model resulted in a significantly increased MAP performance compared to the baseline S S d Odd in the UF Gash is exture to the extrest in the extrest and in significant with the asset PG 5 p. remain compared to the baseline Adding the URL-slashes feature to the learned model did not result into a significant P@5 performance compared to the baseline 🔲 f. Adding the URL-slashes feature to the learned model resulted in a significantly decreased MAP performance compared to the baseline then your URL-slashes feature is at what rank? (Evidence supporting your answer must be shown in the form of a graph in your submitted Consider your resulting 4-features LTR model. notebook, or marks can be lost) Select one WeChat: cstutorcs O a. 2 O b. 3 O c. 4 O d. 1

Question 19
Not yet
answered
Not graded
F Flag

Question 18

Not yet answere

Insert your source code for your URL length implementation, which accounts for the URL type (henceforth called **URL-type**).

Following software engineering best practices, add comments as appropriate in your code to explain its main logic. Add also the tests you conducted to check your code works as expected. Marks can be lost in the following Q20-32 questions if the code is not properly commented/tested and/or if it is unclear.

NB: a 2-bands penalty will be applied for not pasting your full code for Q2 (b) (URL-type) If you answer the following questions (Q20-32).



Question 20 Not yet answered Marked out of 2.00 F Flag question	Using your URL-type ranker to re-rank the PL2 candidate set alone, enter the <i>Docno</i> of the topranked document for the query 'aaie' Answer:
Question 21 Not yet answered Marked out of 1.00 P Flag question	Enter the MAP performance of re-ranking the PL2 candidate set using your URL-type feature implementation. Report performances rounded to 4 decimal places. Answer:
Question 22 Not yet answered Marked out of 1.00 P Flag question	Enter the P@5 performance of re-ranking the PL2 candidate set using your URL-type feature implementation. Report performances rounded to 4 decimal places. Answer:
Question 23 Not yet answered Marked out of 0.50 Filag question	Now use your URL-type feature as a 4th feature in an ITP model. Enter the MAP performance of the resulting LTR model with 4 features. Report performances rounded to 4 decimals. SES 1810-1910-1910-1910-1910-1910-1910-1910-
	https://tutorcs.com
Question 24 Not yet answered Marked out of 0.50 F. Flag question	https://tutorcs.com Enter the P@5 performance of the resulting LTR model with 4 Features (the initial 3 + your URL-type feature). Report performances rounded to 4 decimals. Answer: WeChat: cstutorcs
Not yet answered Marked out of 0.50 F Flag	Enter the P@5 performance of the resulting LTR model with 4 features (the initial 3 + your URL-type feature). Report performances rounded to 4 decimals. Answer:

Question 27 Not yet answered Marked out of 0.50 F Flag question	Enter the returned p-value of the t-test comparing the resulting 4-features LTR model (with URL-type) to the LTR baseline (3 features) on the MAP measure. Answer:
Question 28 Not yet answered Marked out of 0.50 P Flag question	Enter the returned p-value of the t-test comparing the resulting 4-features LTR model (with URL-type) to the LTR baseline (3 features) on the P@5 measure. Answer:
Question 29 Not yet answered Marked out of 1.00 PF Flag question	Using the t-test outcome, state if adding the URL-type feature to the baseline LTR model results in a significantly increased performance in terms of MAP. Select one: True False
Question 30 Not yet answered Marked out of 1.00 P Flag question	SSILE-tstplcm, talefil dling the UL-top-estire to-tebase ne VIX coast suts in a sunificial in the performance in terms of P@5. Select one: True Falshttps://tutorcs.com
Question 31 Not yet answered Marked out of 2.00 P Flag question	Consider your result not restrict the control of th
Question 32 Not yet answered Marked out of 1.00 P Flag question	Using the MAP measure, which of the two implemented URL Length feature instantiations you recommend to use for the "hp" topic set? Select one: a. Nelther – both instantiations do not significantly improve the baseline

Question 33 Not yet answered Not graded F Flag question	Insert your source code for your AvgMinDist implementation. Following software engineering best practices, add comments as appropriate in your code to explain its main logic. Add also the tests you conducted to check your code works as expected. Marks can be lost in the following Q34-Q45 questions if the code is not properly commented/tested and/or if it is not clear. NB: a 2-bands penalty will be applied if you do not paste your full source code and attempt the following quiz questions in Q3 (Q34-44).

Question **34**Not yet answered
Not graded

F Flag question

Describe your source code for the AvgMinDist feature. Your description should be concise and to-the-point but should also be sufficiently detailed to describe and justify your design choices, as well as explain how your solution works.

A 2-bands penalty will be applied if you provide no description of your source code, or if the description is poor/incomplete and you answer the following questions (Q35-Q45).

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Question 35 Not yet answered	Now consider the outputs of the Q3 test cases. In particular, enter the response for test case 1. This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL.
Marked out of 1.00	Answer:
⟨▼ Flag question	
Question 36	Now, using the outputs of the Q3 test cases, enter the returned response for test case 2.
Not yet answered	This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL.
Marked out of 1.00	Answer:
Flag question	
Question 37 Not yet answered	Now, using the outputs of the Q3 test cases, enter the returned response for test case 3. This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL.
Marked out of 1.00 Flag S S S question	signment Project Exam Help
	https://tutorcs.com
Question 38	Now, using the outputs of the Q3 test cases, enter the returned response for test case 4.
Not yet answered	This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL.
Marked out of 1.00	Were Chat: cstutores
Flag question	
Question 39	Now, using the outputs of the Q3 test cases, enter the returned response for test case 5.
Not yet answered	This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL.
Marked out of 1.00	Answer:

Question 40 Now, using the outputs of the Q3 test cases, enter the returned response for test case 6. Not yet This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL. answered Marked out of 1.00 ▼ Flag question Question 41 Now, using the outputs of the Q3 test cases, enter the returned response for test case 7. Not yet This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL. answered Marked out of 1.00 Answer: ▼ Flag question Question 42 Now, using the outputs of the Q3 test cases, enter the returned response for test case 8. Not yet This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL. answered Marked out of signment Project Exam Help ▼ Flag question https://tutorcs.com
Now, using the outputs of the Q3 test cases, enter the returned response for test case 9. Question 43 Not yet This should either be a docno (i.e. Gxx-xx-xxxxxx) or EQUAL. answered WeChat: cstutorcs Marked out of 2.00 ▼ Flag question

Question 44
Not yet answered
Marked out of 3.00

Now use your implemented AvgMinDist feature as a 4th feature in an LTR model (i.e. add it to the initial 3 features of the LTR baseline). Enter the MAP performance of the resulting 4-features LTR model. **Report performances rounded to 4 decimal places.**

Answer:

⟨► Flag
question

Not graded

Enter the P@5 performance of your resulting 4-features LTR model (with MinAvgDist) (rounded to 4 decimal places), the number of queries that have been improved by your LTR model, and the number of queries that have been hurt by your LTR model in comparison to the LTR baseline (3 features).

Enter your answer in the following form (separation by a comma and without space):

<P@5 performance>,<Number of queries improved>,<Number of queries hurt>

e.g. 0.3456,22,66

Question 46 Not yet answered Marked out of 2.00 Frlag question	Now use your implemented URL Length Type and AvgMinDist features in a 5-features LTR model (i.e. add the URL Length Type and AvgMinDist features to the initial 3 features of the LTR baseline). Enter the MAP performance of the resulting 5-features LTR model. Report performances rounded to 4 decimal places. Answer:
Question 47 Not yet answered Not graded P: Flag question	Enter the P@5 performance of your resulting 5-features LTR model (with the URL Length Type and MinAvgDist features) (rounded to 4 decimal places), the number of queries that have been improved by your LTR model, and the number of queries that have been hurt by your LTR model in comparison to the LTR baseline (3 features). Enter your answer in the following form (separation by a comma and without space): <p@5 performance="">,<number improved="" of="" queries="">,<number hurt="" of="" queries=""> e.g. 0.1234,11,66 NB: marks can be (lost from Q46, if you answer it and do not report the P@5 performance as indicated above.</number></number></p@5>
Question 48 Not yet answered	Report if your 5-features LTR model improves the MAP of the 4-feature models? NB: marks can be lost from Q46, if you answer it and do not answer this question.
Not graded F Flag question	Select one: a. It is better than both the URL-type and the AvgMinDist 4-features LTR models b. It is worse than both LTR-type and AvgMinDist 4-features models c. It is better than the URL-type 4-features LTR model d. It is better than the AvgMinDist 4-features LTR model
Question 45 Not yet answered Marked out of 1.00 P Flag question	based on your understanding of the Web search leaders, do you consider your deployed system to be sufficiently good for deployment for homepage finding queries?
Question 50 Not yet answered Marked out o 1.00 © Flag question	NB: Note that wrong answers will be penalised in Texaskyrg
Question 51 Not yet answered Marked out of 1.00 F Flag question	Based on your understanding of the feature, what length of queries will benefit more from AvgMinDist? NB: Note that wrong answers will be penalised in the marking Select one: a. Longer queries, e.g. > 4 terms b. A few terms, e.g. 2-3 c. A single term d. AvgMinDist does not benefit any query
Question 52 Not yet answered Marked out of 1.00 F Flag question	Your AvgMinDist implementation was based on adjacent pairs of query terms. Based on your intuitions, if you replaced pairs of adjacent terms with all pairs of query terms, what types of queries would you expect this to benefit the most? NB: Note that wrong answers will be penalised in the marking Select one: a. Informational b. It will not benefit any queries c. Navigational d. Transactional

Question **53** In this exercise, you focussed on AvgMinDist, i.e. aggregating MinDist by averaging over sequential pairs of query terms. Not yet Now consider a query like new york city. Based on your intuitions, what do you think would be a more effective aggregation function? **NB**: Note that wrong answers will be penalised in the marking Marked out of Flag question Select one: ○ a. Average Ob. Sum O c. Min ○ d. Max Ouestion **54** Consider your other intuitions about navigational search tasks. Name one other type of evidence you have not used in your deployed system, which typically helps improve navigational search effectiveness. Not yet answered 1.00 Answer: Flag question Question 55 Upload your completed .ipynb Colab notebook for Exercise 2. It must show both your solutions as well as the results of your solutions. A 2-bands penalty will be applied if you do not provide your completed notebook. Notebooks will be checked to verify the completed work and answers. Not graded Assignment Project Exam Help

Assignment Project Exam Help https://tutores.com Accepted file types Jupyter Python file .ipynb Enter a reallistic estimate of the number of hours you worked on Exercise 2. Chat: cstutorcs Question **56** Not yet Tell us about the level of difficulty of Exercise 2. Not graded O b. Fairly doable O c. Too easy Od. Very hard Question 58 Not yet answered Not graded