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Question added to topic Software Engineering. 2h ago

Software Engineering: How does your team structure their software development process?

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Here's the deal the Heat made with and for Pat Riley in 1995, when he was still coach of the NY Knicks. The teams eventually agreed to a ... (more)

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Brazil: What is there to do on a trip between Rio de Janeiro and Buenos Aires?

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Macintosh (Mac) Computers: What is the distribution of Macs vs. PCs at various colleges?

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Quora uses a combination of machine learning algorithms and moderation to ensure high-quality content on the site. High question and answer quality has helped Quora distinguish itself from other Q&A sites on the web.

As we get many questions every day, a challenge we have is to figure out good, interesting and meaningful questions from the bad. What questions are valid ones that can be answered? What questions attract reputable answers that then get upvoted? Can you tell which questions will likely get answers quickly, so that we can surface them in real-time to our users?

For this task, given Quora question text and topic data, predict whether a question gets an upvoted answer within 1 day.

Input Format

The first line contains N. N questions follow, each being a valid json object. The following fields of raw data are given in json.

- question_key (string): Unique identifier for the question.
- question_text (string): Text of the question.
- context_topic (object): The primary topic of a question, if present. Null otherwise. The topic object will contain a name (string) and followers (integer) count.
- topics (array of objects): All topics on a question, including the primary topic. Each topic object will contain a name (string) and followers (integer) count.
- anonymous (boolean): Whether the question was anonymous.
- __ans__ (boolean): Whether the question got an up-voted answer within 1 day.

This is immediately followed by an integer T.
T questions follow, each being a valid json object.
The json contains all but one field *__ans__*.

Output Format

T rows of JSON encoded fields, with the *question_key* key containing the unique identifier given in the test data, and the predicted value keyed by *__ans__*.

Constraints

question_key is of ascii format.
question_text, name in topics and context_topic is of UTF-8 format.
0 <= followers <= 10^6
9000 <= N <= 45000
1000 <= T <= 5000

Sample Input

```
 9000
json_object
json_object
....
json_object
```

```
1000
json_object
json_object
....
json_object
```

Sample Output

```
 json_object
json_object
...
json_object
```

Sample testcases can be downloaded here and used for offline training if desired.

Scoring

The answers are evaluated by accuracy.

```
Number correct classified / Total input size * 100%
```

The training and test set each will have approximately an equal number of each boolean type.

Your score will be based only on the hidden input. The sample input is only for your convenience.

Original URL:
https://www.hackerrank.com/contests/quora/challenges/quora-ml-answered