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Create a Medical Image Data Annotation Job

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Dear Shasu Vathanan,

Congratulations 😊

You have successfully passed your first project of this ND. You have provided very clear answers and the job which you have designed is also good.

I wish you all the best for your next project.

Files Submitted



The submission zip file includes a complete `Instructions_Preview.html` and `Proposal` file (a pdf).

Instructions: Annotator Instructions & Examples



The Instructions html file includes the following sections:

1. Overview
2. Steps
3. Rules & Tips
4. Examples
5. (Untitled) Visible Test Questions, which show the general layout of what an annotator will see during this job; no answers need to be selected.



Your Overview should briefly describe why you are creating the data annotation job, and the Steps should clearly explain what is expected of an annotator.

Excellent.



All possible labels/answers should be clearly defined in the Rules & Tips section. If selecting a certain label is not obvious, it is best practice to add clarifying criteria, here.

All the labels are clearly defined.



The Examples section should include at least one example for each possible data label.

You have provided enough examples.

Proposal: Design & Quality Assurance



Include a short overview of this project and the product goal.

Very good overview.



Explain why you chose the labeling scheme that you did. What are the strengths and weaknesses of such a labeling scheme?

Good choice of labels.



You should plan to include at least 5% test questions to mix into your training set or about 1 test question for

✓ You should plan to include at least 5% test questions to mix into your training set or about 1 test question for every 19 data points you want to label.

20 test questions are little excessive. You should plan to include around 5% test questions to mix into your training set or about 1 test question for every 19 data points you want to label.

✓ Your test questions may not be perfect; you should have a plan for revisiting their efficacy. You should answer the provided questions about how you might handle scenarios in which multiple annotators contest or fail a test question.

Very good.

✓ You should include a description of what might be missing in your data annotation job and what might be improved. You should provide answers to the following questions:

- Could the data source be improved? If so, how?
- Do you think your test questions or labeling scheme could be improved? And how do you think you could ensure the quality of data over time?

You might also consider involving stakeholders (engineers, medical professionals, etc.) in discussions about product improvements.

Excellent discussion here. You also need to think about bias in terms of age and gender as the data source is not diverse.

✓ You should note which areas of your instructions and test questions you might improve according to annotator feedback.

Awesome.

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