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Project: automate testing and deploying models.

The user enters data and uses the predictors: check code correctness for the website

Not check the model performance correctness.

A continuous integration system ensures model correctness.

Goal: reread the paper on re-establishing the goals for the program.

Move things to the staging environment after the project works

Staging environment: a clone of the release environment.

Check whether the code is correct: continuous integration deployment so it is possible to move the code from the development to the staging environment.

Not only demonstrate the code correctness but the model correctness.

Front-end

Focus on the system: YAML configuration before the front-end development.

Configure the YAML document without running the file:

A web platform gives the users an interface:

1. Write the YAML (technical)
2. Automatic configuration

Allows the user to monitor the page for whether the results passed or failed.

Identify the Jenkins configurations

Read the documentation on the systems

21-11-2022

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While it is possible to provide feedback to the developers after building the model, if the model data is leaked to the developers, it may be possible for the developer to overfit the dataset. Overfitting may occur when the developer attempts to use the leaked data to adjust to a specific trend. Therefore, it’s important to adjust the model for the user so that the user only gets feedback on whether the model passes or fails. The pass-or-fail assessment method can help the user to determine how to improve the model:

Goal: project will produce an error message

Not check the model performance correctness: the score can help to determine whether the model is correct.

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Goal: reread the paper on re-establishing the goals for the program.

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