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While a majority of the suggestions the model gave were too specific for a business-level domain design, many suggestions were very much taken into consideration! During our first submission to the model, a lot of our workflows were pretty empty or even missing (i.e missing stop conditions, no cross trading workflow) so we had a lot to work with. One thing that we for sure had to implement was what happens after the trading stops. We knew this was not just something the model was incorrectly suggesting because the professor also called us out on it; the workflow should state that the system disconnects from the real-time market data when trading stops. After we added that, we added conditions for why the trading would stop in the first place, which the model said was “incomplete”. These conditions include: the threshold being met, and the user manually stops it. Next, we implemented the cross traded currency identification workflow which we did not have at all and now includes requesting, identifying, validating, and storing/returning pairs. I can’t believe we forgot this! Many of the remaining suggestions after we tested submitting to the model more were asking us to “explicitly” state what goes on during some calculations or what an input should contain even though the name is descriptive enough (i.e DateTimeInput).

Overall, using the model in our earlier stages proved to be helpful to find incomplete or missing workflows, but after fine-tuning based on suggestions, the model was finding errors in unneeded places that a human could understand the context of without being given the exact information of the implementation.