HI Zindi Team,

First of all thanks for organizing such a nice hackathon from where we could learn a lot of new things to be used in our domain.

Kindly find attached the zipped folder having the details you need:-

1. **Code** (jupyter notebook that can be run in google colab) :- CGIAR\_WHEAT\_30\_JANUARY\_FULL\_NOTEBOOK.IPYNB

The code is properly commented with all details about the variables, their sources, and the literature study done.

The functions are created considering the competition-to-production migration scenario and are pretty much customizable from our end.

2. **Final Submission**:- The submission that gave the best score on leaderboard. (submission\_final.csv)

3. **Writeup** (writeup\_django\_unchained.docx) - Having basic details about running the code on colab and other information you may need

4. The **input data** is attached separately as '**cgiar agricultural zindi.zip**' . Since it is a big file, it was shared with you in the form of a g-drive link.

In-case it is not accessible to you, you can also create the same by saving all the input files provided in the competition in a folder and naming the folder as '**cgiar agricultural zindi**' and then zipping the file and eventually uploading it to google drive to access it in colab. The file folder structure is mentioned in the writeup as well.