GUARDIAN ANGEL TEAM TEST REPORT OF GAYA SAVERS

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1) <u>STARTING KIT AND SCORING PROGRAM</u>

The Jupyter Notebook works fine and produces sample submission. The sample submissions work and produce the same result as in running in local. The metric is the same in both methods.
If we compare this with a random methods which output random label ie a arbitrary label chosen in between 7 different labels, the result should be about 0 (with a balanced accuracy score), and here we got ith the basic model 0.54. Thus our results is better than a random one.

The jupyter notebook provides us basics knowledge about the features extracted from the images like the sum according to some axis. Furthermore it is well explained what the features are and how they are represented. So the iPython notebook provides data preprocessing leading to a feature-based representation, which are understable.
It will be appreciable to have a few other images to see different image corresponding each to different labels. It will be great to plot the features according to the corresponding target to see whether they have influence on the target. Maybe plot a correlation matrix should be interesting too, to determine which parameters are correlated.

All the code is present in the github.

2) <u>DATA COMPETITION AND MAKE BUNDLE</u>

AutoML data is present in the github and can be read with the Notebook. Raw data isn't present in the github. The data is present on github.

The competition bundle is on Github.

3) <u>WORKFLOW AND DOCUMENTATION</u>

The description is well done, maybe you should indicate in the overview that it will be a classification problem, on the various forms of plankton, because it seems to be not really clear in the overview (we notice that this is well explained in the evaluation part)

The challenge has two phases, one of development and one of test as wanted. However the date seems to be wrong.

The part evaluation has clarity, self-sufficiency, and soundness. Maybe one should add precision about the method that will be used to score the model (precise which kind of accuracy score it is). Some typo are present too, you should fix it.

The starting kit can be find on the website, maybe you should precise how to use the starting kit (modify the README) and where to find the README in the starting kit to help L2 students to start quickly.

 The "overview" page contains credits (1) the team member names, (2) a contact email, (3) credits to the database donors + URL.

The page "Terms and conditions" is there and unchanged