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SCALE FOR PROJECT PISCINE PYTHON DATA SCIENCE (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE) / RUSH 01 (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE-RUSH-01)

You should evaluate 2 students in this team



Git repository

`git@vogsphere.kzn.21-school.ru:vogsphere/intra-uuid-7d98b`



Introduction

The methodology of School 21 makes sense only if peer-to-peer assessments are done seriously. This document will help you to do it properly.

- Please, stay courteous, polite, respectful and constructive in all communications during this assessment. The bond of trust between community 21 and you depends on it.
- Highlight possible malfunctions of the work done by the person and take the time to discuss and debate it.
- Keep in mind that sometimes there can be differences in interpretation of the tasks and the scope of features. Please, stay open-minded to the vision of the other.

Guidelines


- Evaluate only the files that are on the GIT repository of the student or group.
- Doublecheck that the GIT repository is the one corresponding to the student or the group as long as to the project.
- Meticulously check that nothing malicious has been used to mislead you and have you assess something except the content of the official repository.

- If you have not finished the project yet, it is compulsory to read the entire instruction before starting the review.


- Use the special flags in the scale to report an empty or non-functional solution as long as a case of cheating. In these cases, the assessment is completed and the final grade is 0 (or in a case of cheating is -42). However, except for a case of cheating, you are encouraged to continue reviewing the project to identify the problems that caused the situation in order to avoid them for the next assessment.

- You must stop giving points from the first wrong exercise even if the following exercises are correct.

Attachments


 Reference-Daily-Intakes-(RDIs)-in-the-New-Nutrition-Facts-Label.pdf (https://cdn.intra.42.fr/pdf/pdf/49876/Reference-Daily-Intakes-_RDIs_-in-the-New-Nutrition-Facts-Label.pdf)

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/49875/en.subject.pdf>)

 Daily-Reference-Values-(DRVs)-under-the-New-NFL.pdf (https://cdn.intra.42.fr/pdf/pdf/49877/Daily-Reference-Values-_DRVs_-under-the-New-NFL.pdf)

 NutritionFacts.py (/uploads/document/document/8803/NutritionFacts.py)

 SimilarRecipes.py (/uploads/document/document/8802/SimilarRecipes.py)

 forecast.py (/uploads/document/document/8800/forecast.py)

 epi_r.csv (/uploads/document/document/8801/epi_r.csv)

Preliminaries

Respect the rules

- The repository contains the work of the student (or group).
- The student is able to explain their work at any time during the assessment.
- The general rules and any rules specific to the day are respected throughout the assessment.
- There are indeed two files: the first with the module and the second with the report.

 Yes

 No

Mandatory part

- All the files exist in the repository: *nutritionist.py*, *recipes.py*, *recipes.ipynb*, two CSV files for nutrition facts and similar recipes and a file with the model

Main program

- Data preparation: find the dataframe that is used for machine learning models,
- If 'title' not in list(df.columns): prep_points += 1
- If 'leftovers' not in list(df.columns): prep_points += 1
- If 'california' not in list(df.columns): prep_points += 1
- If 'dominican republic' not in list(df.columns): prep_points += 1
- If 'protein' not in list(df.columns): prep_points += 1
- If 'low cholesterol' not in list(df.columns): prep_points += 1
- If 'pan-fry' not in list(df.columns): prep_points += 1
- If 'fruit' not in list(df.columns): prep_points += 1
- If 'stew' not in list(df.columns): prep_points += 1
- If 'braise' not in list(df.columns): prep_points += 1
- If 'milk' in list(df.columns): prep_points += 1
- If 'jam' in list(df.columns): prep_points += 1
- Regression
- If there are more than 2 models tried: reg_points += 1
- If there is at least one gridsearch of hyperparameters: reg_points += 1
- If only the best algorithms were evaluated on the test subsample: reg_points += 1
- If there are more than 2 ensembles tried: reg_points += 1
- If there is RMSE evaluation of the naive algorithms: reg_points += 1
- Classification
- If there are more than 2 models tried: class_points += 1
- If there is at least one gridsearch of hyperparameters: class_points += 1
- If only the best algorithms were evaluated on the test subsample: class_points += 1
- If there is accuracy evaluation of the naive algorithms: class_points += 1
- If there is no binarization to 3 classes the task is failed
- If there are more than 2 models tried: class_points += 1
- If there is at least one gridsearch of hyperparameters: class_points += 1
- If only the best algorithms were evaluated on the test subsample: class_points += 1
- If precision of the class 'great' is chosen as a better metric: class_points += 1
- If there are more than 2 models tried: class_points += 1
- If there is at least one grid-search of hyperparameters: class_points += 1
- If only the best algorithms were evaluated on the test subsample: class_points += 1
- If there are more than 2 ensembles tried: class_points += 1
- Decision
- If classification and not regression is chosen for the main program: decision_points += 1
- If pipelines are used for data preparation: decision_points += 1
- If at least one class with at least two methods is used: decision_points += 1
- Nutrition facts
- If there is no % of the daily value for the nutrients the task is failed
- Similar recipes
- If there are some recipes without a URL the task is failed
- Run the script with saffron, gin, chile pepper, if it returns a text that it is a bad set of ingredients, main_points += 1
- Run the script with bread, avocado, cheese, garlic, if it returns a text that it is a great set of ingredients, main_points += 1

- Run the script with a, b, c, garlic, if it returns a text that handles an error in the way like "the following ingredients are missing in our database: a, b, c", main_points += 1
- Run the script with bread, avocado, cheese, garlic, if it does not return nutrient facts for all the ingredients with % of the daily value, the task is failed
- Run the script with bread, avocado, cheese, garlic, if it does not return top-3 similar recipes, their URLs and ratings, the task is failed
- Run the script with bread, avocado, cheese, garlic, saffron, gin, chile pepper, banana, vodka, wok, yogurt, zucchini, if it returns a text that there are no similar recipes, main_points += 1

The mandatory part of the rush is considered to be passed if prep_points > 5, reg_points > 3, class_points > 9, decision_points > 0, main_points > 2 and sum of them is greater than 21.

☒ Yes☐ No

Bonus part

Bonus

- You can run the main program with a key and it returns a recipe in the format as in the subject?
- Run the main program with the key 5 times, does it return different sets of recipes?
- Corresponding columns in the initial dataset are used to show different results for breakfast, lunch and dinner?
- All the recipes include the URLs and nutrient facts?

☒ Yes☐ No

Ratings

Don't forget to check the flag corresponding to the defense

☒ Ok☐ ★ Outstanding project☐ 📄 Empty work☐ 💬 No author file☐ 🧠 Invalid compilation☐ 📖 Norme☐ 📑 Cheat☐ 🚒 Crash☐ 💧 Leaks☐ 🚫 Forbidden function

Conclusion

Leave a comment on this evaluation

Finish evaluation

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