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SCALE FOR PROJECT PISCINE PYTHON DATA SCIENCE (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE) / DAY 03 (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE-DAY-03)

You should evaluate 1 student in this team



Git repository

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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

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/49867/en.subject.pdf>)

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.

 Yes

 No

Piscine Python | Data Science MODULE 03

Any hardcoded result is worth zero for the exercise.

Exercise 00 – Virtual environment

- The environment can be activated and deactivated without throwing any errors?
- Python 3 exists and works from terminal with the activated env?
- Python script contains a shebang with the path to the env in the first line?
- The script returns the correct result?

- the peer is able to explain why there can be a KeyError or exception when you run the script not from the env (explanation should include the analysis of code bin/activate)?
In all other cases, the test is failed.

☒ Yes☐ No

Exercise 01 – Installing a package

- If you run pip freeze in the activated env, do you see termgraph in the list?
- Does the script show the exact same graph but with different colors?
In all other cases, the test is failed.

☒ Yes☐ No

Exercise 02 – Installing many libraries

- If you run pip freeze in the activated env, do you see beautifulsoup4 and pytest in the list?
- The shell script does not contain loops?
- pip install occurs in the script only once?
- The script shows the list of installed libraries as a result?
In all other cases, the test is failed.

☒ Yes☐ No

Exercise 03 – Very beautiful soup

- Try different ticker names (MSFT, AAPL, TSLA) and fields (Total Revenue, Gross Profit, Net Income, EBITDA). Does the script work correctly?
- Try non-existing ticker names. Does the script show an exception that the ticker is not found?
- Try non-existing fields. Does the script show an exception that the requested field does not exist?
- Does the type of the result is tuple?
- Does the code contain time.sleep(5)?
The exercise is considered failed if one of the points requested is not perfectly realized.

☒ Yes☐ No

Exercise 04 – Profiling

- All the files exist in the directory?
 - financial_enhanced.py does not have sleep(5) and uses a different HTTP-client library?
 - The peer is able to answer if their script got faster or slower after changing the HTTP-client library?
 - All the profiling files sorted accordingly to the subject?
- In all other cases, the test is failed.

☒ Yes

☐ No

Exercise 05 – PyTest

- The script contains at least 3 tests from PyTest library?
 - If you run the test, does the script pass it?
- In all other cases, the test is failed.

☒ 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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