SCALE FOR PROJECT PISCINE PYTHON DATA SCIENCE (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE) / DAY 07 (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE-DAY-07)

You should evaluate 1 student in this team

★

Git repository

`git@vogsphere.kzn.21-school.ru:vogsphere/intra-uuid-142d945`

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/49871/en.subject.pdf)

checking-logs.sqlite.sqlite (/uploads/document/document/8790/checking-logs.sqlite.sqlite)

Line_race_plotly.mov (/uploads/document/document/8791/Line_race_plotly.mov)

ab-test.csv (/uploads/document/document/8792/ab-test.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.

Yes No

Piscine Python | Data Science D07

Any hardcoded result is worth zero for the exercise.

Exercise 00 – Line chart

- Run all the cells in the notebook, they should work without errors
- The dataframe for the graph contains 33 rows?
- The graph has the title?
- The fontsize is specified?
- The figure size is specified?
- The graph has the rotation 90 degrees of the xticks?
- The database connection is closed?
In all other cases, the test is failed.

☑ Yes ☒ No

Exercise 01 – Line chart with styles

- Run all the cells in the notebook, they should work without errors
- The dataframe for the graph contains 32 rows?
- The graph has the grid fot the x axis?
- The lines of the graph have different styles and the styles are
exactly the same as in the subject?
- The graph has the rotation 90 degrees of the xticks?
- The answer to the question is The answer is 2?
In all other cases, the test is failed.

☑ Yes ☒ No

Exercise 02 – Bar

- Run all the cells in the notebook, they should work without errors
- The dataframe for the graph contains 35 rows?
- The graph has the gridlines for the y axis?
- The graph has the title?
- The bar is stacked?
- The colormap is specified?
- The database connection is closed?
- The answer to the first question is afternoon, evening?
- The answer to the first question is 2020-05-12?
In all other cases, the test is failed.

☑ Yes ☒ No

Exercise 03 – Bar charts

- Run all the cells in the notebook, they should work without errors
- The dataframe for the graph has these values
for the 17th hour: 7.142857 (weekend) and 16.000000 (working day)?
- Both graphs are on the same plot?
- The colormap is specified?
- The database connection is closed?

- The answer to the first question is 21?
- The answer to the second question is 11?
In all other cases, the test is failed.

☑ Yes ☒ No

Exercise 04 – Histogram

- Run all the cells in the notebook, they should work without errors
- The length of the list of the values for working days is 2037?
- The length of the list of the values for weekends is 1170?
- Both histograms are on the same plot?
- The colors are specified?
- The alpha for the top layer of the histogram is 0.7?
- The legend is on the upper left corner?
- The graph has 24 bins?
- The database connection is closed?
- The answer to the question is 11, 13, 22, 23?
In all other cases, the test is failed.

☑ Yes ☒ No

Exercise 05 – Boxplot

- Run all the cells in the notebook, they should work without errors
- The dataframe for the graph contains 22 rows?
- The colors are red for the whiskers, medians and caps?
- The color is green for the boxes?
- linewidths specified correctly?
- The graph has the title?
- Both boxplots are on the same plot?
- The fontsize is 15 for the title?
- The database connection is closed?
- The answers to the question is 150?
In all other cases, the test is failed.

☑ Yes ☒ No

Exercise 06 – Scatter Matrix

- Run all the cells in the notebook, they should work without errors
- The dataframe for the graph contains 11 rows?
- s (size of the dots) is 200?
- The linewidth is specified correctly?
- The database connection is closed?
- The answer to the first question is no?
- The answer to the second question is no?

- The answer to the third question is yes?
- The answer to the fourth question is no?
In all other cases, the test is failed.

Yes No

Bonus part | Exercise 07 – Heatmap

- Run all the cells in the notebook, they should work without errors
- The dataframe for the first graph contains 7 rows and 30 columns?
- The dataframe for the first graph is sorted by the total number
of commits per user? the first three columns are: user_4, user_14, user2?
- The dataframe for the second graph contains 24 rows and 30 columns?
- The dataframe for the second graph is sorted by the total number
of commits per user? the first three columns are: user_4, user_14, user2?
- The colormap is specified for both graphs?
- The colorbar has the same height as the main graph in both plots?
- The rotations of the xticks on the both graphs is 90 degrees?
- The database connection is closed?
- The answer to the first question is user_2?
- The answer to the second question is user_4?
- The answer to the third question is Fri?
- The answer to the fourth question is user_4, 21?
In all other cases, the test is failed.

Yes No

Bonus part | Exercise 08 – Seaborn

- Run all the cells in the notebook, they should work without errors
- The graph has the gray background and grid?
- The graph has the title?
- The title fontsize is 30?
- The title is on the graph and not above it?
- The height of the graph is 10 and the aspect is 1.5?
- The linewidth is specified correctly?
- The palette is specified?
- The fontsize of the axises is 15?
- The database connection is closed?
- The answer to the first question is user_4?
- The answer to the second question is user_2?
In all other cases, the test is failed.

Yes No

Bonus part | Exercise 09 – Plotly

- Run all the cells in the notebook, they should work without errors
- The play button works properly and the animation looks the same
as in the subject example?
- The graph the mode lines+markers?
- The graph has the gray background and grid?
- The graph has the title?
- The database connection is closed?
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