Submission Instructions

There are several parts to your submission. Your total grade for the final project will be calculated out of **100 points:**

- **30 points** for **accuracy**
- **50 points** for your **Jupyter notebook**
- **10 points** for submitting **runtime**, and
- **10 points** for submitting the **correct files** to the open response assessment**.**

First, there is an **automated grader** to check the **accuracy** of your predictions. You will copy and paste in your activity classifications and they will be graded automatically for accuracy (30 points possible).

Second, there is a **peer-graded open response assessment**. In the open response assessment, you should give the running time of your code (with units) as the text of your submission (10 points possible), a CSV file of your predictions, and a Jupyter notebook of your report and code (50 points possible). You need to submit two files for the open response assessment: your Jupyter notebook and your CSV file (10 points possible for submitting the requested files).

Finally, just for fun, there is a form for you to submit the **runtime of your code** so you can see how fast or slow your code is relative to code written by other learners. You will not be graded on how quickly your code runs.

Classification Accuracy

13.44/30.0 points (graded)
Enter your **predicted labels for the test set** as a **list of numbers seperated by a comma.** For example, you could enter 1, 2, 3. Do not use brackets to enclose the numbers. If you do not give a prediction for each example in the test set (reminder: there are 125 instances in the test set), you will get an error message.

2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 1, 1, 1, 1,

Your test accuracy is 44.800000000000004%

Submit You have used 1 of 5 attempts

Grading Rubric

Your open response submission will be **graded by your peers** according to the following rubric. Note that **submissions are due one week before course close** to allow time for peer grading. For this course run, submissions are due **July 1, 2022 at 23:59 UTC**. Peer grades are due at course close. Your grade will be based on the median grade from three of your peers.

Files (10 points possible)

The appropriate files are submitted in the correct formats: a CSV file of predictions and a report written as a Jupyter Notebook.

- 0 points: No files provided
- 5 points: At least one file is missing and/or not in the correct format
- 10 points: Both files were submitted in the requested formats

Run Time (10 points)

The running time should be entered as a text response with units.

- 0 points: Run time is not given
- 5 points: Run time is given but without units
- 10 points: Run time, including units, is provided

Jupyter Notebook (50 points possible)

The report is a Jupyter Notebook that documents the analysis, including the code used, and presents the findings, along with supporting statistics and figures. The report should be written in English and uploaded below. The report should include the following sections:

1. **Introduction:** describes the dataset and summarizes the goal of the project and key steps that were performed
2. **Methods:** explains the process and techniques used, such as data cleaning, data exploration and visualization, any insights gained, and your modeling approach
3. **Results:** presents the modeling results and discusses the model performance
4. **Conclusion:** gives a brief summary of the report

- 0 points: The report is either not uploaded or contains very minimal information AND/OR the report appears to violate the edX Honor Code.
- 15 points: Multiple required sections of the report are missing. Code is not included in the report and/or is not commented.
- 20 points: The methods/analysis or the results section of the report is missing or missing significant supporting details. Other sections of the report are present. The code included is not well-commented and/or not easy to follow.
- 25 points: The introduction/overview or the conclusion section of the report is missing, not well-presented or not consistent with the content. The code included is not well-commented and/or not easy to follow.
- 30 points: The report includes all required sections, but the report is significantly difficult to follow or missing supporting detail in multiple sections. The code included is not well-commented and/or not easy to follow.
- 35 points: The report includes all required sections, but the report is difficult to follow or missing supporting detail in one section. Some of the code included is not well-commented or not easy to follow.
- 40 points: The report includes all required sections and is well-drafted and easy to follow, but with minor flaws in multiple sections. The code included is moderately well-commented and moderately easy to follow.
- 45 points: The report includes all required sections and is easy to follow, but with minor flaws in one section. The code included is moderately well-commented and easy to follow.
- 50 points: The report includes all required sections, is easy to follow with good supporting detail throughout, and is insightful and innovative. The code included is well-commented and easy to follow.

FINAL PROJECT SUBMISSION

Status

You have completed this assignment. Review your grade and your assessment details.

Your Response due Sep 2, 2022 05:29 IST (in 2 weeks) ✔ COMPLETE

The question for this section

> You should upload your report written as Jupyter notebook, your CSV file of predictions, and your runtime in the text response box.

Your response

1028.68 seconds

Your Uploaded Files

Files that were uploaded by you:

Jupyter notebook of my report and code (Physical activity predictor.ipynb)

My predicted labels (my_output_labels.csv)

Assess Peers due Sep 14, 2022 05:29 IST (in 3 weeks, 5 days) ✔ 5 COMPLETED

Status

You have successfully completed all of the required peer assessments for this assignment. You may assess additional peer responses if you want to. Completing additional assessments will not affect your final grade.

Continue Assessing Peers

Your Grade: 70 out of 70

The question for this section

> You should upload your report written as Jupyter notebook, your CSV file of predictions, and your runtime in the text response box.

Your Response

1028.68 seconds

Your Upload

Files that were uploaded by you:

Jupyter notebook of my report and code (Physical activity predictor.ipynb)

My predicted labels (my_output_labels.csv)

Assessments of Your Response

Status

You have successfully completed this problem and received a 70/70. The grade for this problem is determined by the median score of your Peer Assessments.

Files **10 / 10 POINTS**

PEER MEDIAN GRADE - 10 POINTS

All complete

PEER 1 - ALL COMPLETE
PEER 2 - ALL COMPLETE

Both files are in correct format

PEER 3 - ALL COMPLETE

Yes

Run Time

10 / 10 POINTS

PEER MEDIAN GRADE - 10 POINTS

Has units

PEER 1 - HAS UNITS
PEER 2 - HAS UNITS
Runtime is given with units
PEER 3 - HAS UNITS
Yes

Jupyter Notebook

50 / 50 POINTS

PEER MEDIAN GRADE - 50 POINTS

Excellent

PEER 1 - MINOR FLAWS IN ONE SECTION
good job
PEER 2 - EXCELLENT
Very nice code!
PEER 3 - EXCELLENT
Yes

Additional comments on your response

PEER 1
PEER 2
PEER 3
Very good submission.

Provide feedback on peer assessments

Final Project Runtime

Just for fun, you can check out how the runtime of your code compares to the runtime of other learners' code.

kvasan166@gmail.com (not shared) Switch account

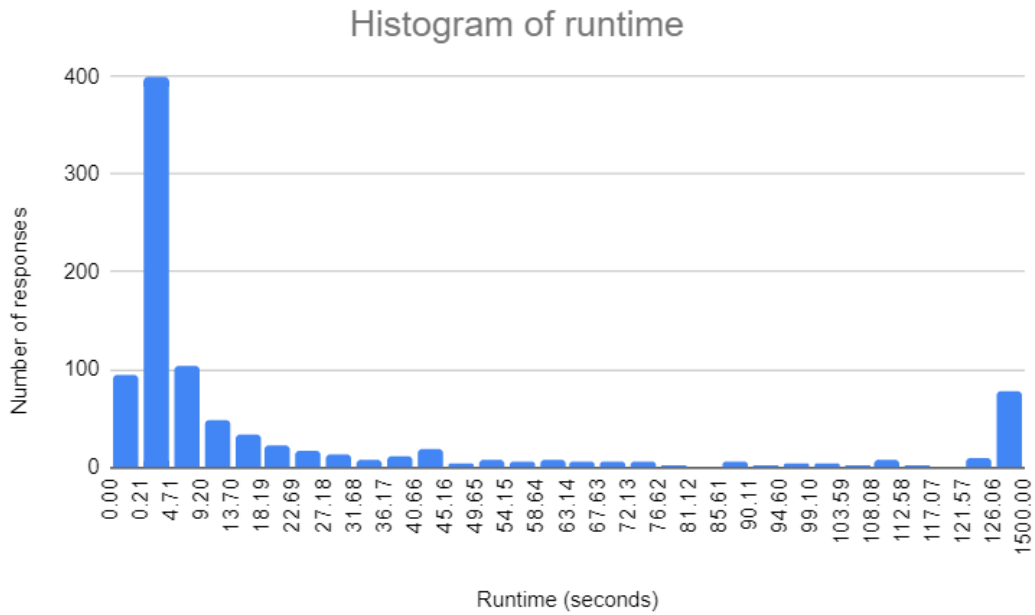
* Required

Enter the running time of your code in seconds, starting at the moment when you load in the test data set and ending at the moment you're done computing your predictions *

Your answer

Submit Clear form

Never submit passwords through Google Forms.


Histogram of runtime
Number of responses
400
300
200
100
0
0.00
0.21
4.71
9.20
13.70
18.19
22.69
27.18
31.68
36.17
40.66
45.16
49.65
54.15
58.64
63.14
67.63
72.13
76.62
81.12
85.61
90.11
94.60
99.10
103.59
108.08
112.58
117.07
121.57
126.06
1500.00
Runtime (seconds)