

File Formats

Overview

Due: 11:00pm, Friday October 16, 2020

Max grace days: 2

The purpose of this assignment is to manipulate NumPy arrays.

Description

Complete the code in `main.py` to perform computations on the dataset described here: <https://vincentarelbundock.github.io/Rdatasets/doc/DAAG/toycars.html>. You must only use NumPy array operations to implement your solution. That is, you must not use any loops or conditional statements in your solution. The assignment material contains a file named `reference.txt` which contains the correct output for the program.

Turning in the Assignment

You must turn in a file named `main.py`. Submit the program source file to the appropriate folder on D2L.

Grading Criteria

Note: If your code does not run on the Python 3 interpreter, then you will receive a failing grade for this assignment.

Grading (out of 100 points):

- 15 points – correct `question1`
- 15 points – correct `question2`
- 15 points – correct `question3`
- 15 points – correct `question4`
- 15 points – correct `question5`
- 15 points – correct `question6`
- 10 points – correct `question7`