CST 383: Intro to Data Science
Dr. Glenn Bruns

Aggregation with Lyft bike sharing data

Important note: you must follow the course honor policy. Part of the policy is that you can't show others your code, and can't look at others' code.

Purpose: The purpose of this assignment is to help you develop skill in working with NumPy arrays.

Instructions. Download bike-sharing.py. Read the instructions at the top of the file carefully, as your code is graded automatically.

Read sections of Chapter 3 of the Python Data Science Handbook as needed.

Testing. To test your code, download bike-sharing-testing.py and translate_to_functions.py and put them in the same folder with your bike-sharing.py file. Then run the command 'python bike-sharing-testing.py'.

- On a Mac: run this command in a terminal
- On a Windows machine: run this command in the Anaconda prompt

In either case, the current directory of the terminal must be the one where you have bike-sharing.py. Use the 'cd' command to change directory, if needed.

If the tests all pass, you will see output like this:

```
..................
----------------------------------------------------------------------
Ran 19 tests in 0.129s

OK
```

The test set only has tests for certain problems, and, even for problems that have tests, the test set is not complete.

Submission. Submit your bike-sharing.py on Canvas. Don't modify the file name.

Grading. Each problem is worth two points, but with a maximum of 70.