

Week 5 in CS 234

What is due on Tuesday, 10/03/17?

[Task 1: Learn Dash \(Part 1, Part 2\)](#)

Upload the Dash apps you create and a PDF file with the notes about your learning on the Week04 folder in the CS server.

[Task 2: Cleaning Food Data](#)

You can work with your peers in this task, but everyone should learn how to do the simple cleaning tasks for this small dataset.

You can use the section on [Data Wrangling in this website](#) to learn about different pandas tricks that will make your life easy. It's better than reading the pandas documentation.

Generate a new CSV file for the cleaned data and upload your notebook [both IPYNB and HTML files] in your Week04 folder, as well as the new CSV in the Week04 folder.

What is due on Friday, 10/06/17?

Task 1: Redo the Python Quiz as a Notebook [Strongly recommended]

I graded the quiz from last week and the results are not strong. The median score was 6 out of 17, with the maximum score 12.5 out of 17. This means, there is still more work to do for getting better at Python.

[Here is the quiz](#) you took in class. All questions came from the reading that I had assigned [see [chapter2-python in the Google folder](#)]. If you do the reading carefully (and many of you did, but not entirely), you'll be able to find answers to all the questions in the quiz.

Create a notebook and enter the questions and write Python code to provide the answers, or markdown text when necessary. You'll be uploading the notebook (IPYNB and HTML files) in the Week05 folder when done. I'll be returning the graded quiz on Tuesday, or you can pick it up on Monday during my office hours 1:30-2:30.

Task 2: Wikipedia Training on our [Class Dashboard](#)

Visit our dashboard and try to complete as many trainings you can, in order to prepare for our task of creating Bottomly's page and changing other pages to link to her page. Keep an eye for Sarah's messages to the Google Group too.

Task 3: Read the paper "Wikipedians are born, not made" [\[Link to paper, need to be within Wellesley\]](#)

As you read the paper, take notes on the kind of data analysis the authors did, especially what quantities they graphed, how, and for what reason. Because you'll be doing a project studying Wikipedia edits in this class, it's important to know how other researchers use Wikipedia to draw conclusions. Also notice that there are no complicated statistical or probabilistic techniques in this paper. All of you should be able to create the kind of graphs (e.g, scatterplots with errorbars) shown in this paper.

Store the notes as a PDF file and upload the file in the Week05 folder.

