

# THE CS109 GRADE

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Summer 2018*

## OVERVIEW & PURPOSE

Our goal is to provide you with objective guidelines that you can follow when you are working in your problem sets (HW) and projects.

One of the goals of CS109A is to instill in you good Data Science habits that will take you far in your career and are translatable in a host of industry and research environments.

## THE CS109 GRADE

Our grading process is a detail oriented effort with the following components that you should always keep in mind when answering every question in your HW and every milestone and deliverable of your project.

### 1. **Completeness:**

- Did you answer every part and complete every task?
- Was your data set ‘complete’ (aka, include all the years and all the fields/variables)?

### 2. **Correctness:**

- Did you scrape properly ?
- Did you handle the edge (corner) cases properly?
- Did you even think of corner cases?
- Did you merge data properly?
- Did you follow instructions (define parse year function correctly, save json file, provide all the instructed deliverables, etc. . . )?

### 3. Design:

- Is your code EXTREMELY inefficient?
- Are you abstracting your code, or making an effort?
- Are you optimizing algorithmic time?
- Are you using python standards of coding style?

### 4. Communication:

- Did you answer all the explanation/interpretation questions clearly?
- Did you communicate what you did (some comments in code or explain their steps)?
- Were visuals clear (variable properly encoded, all properly labeled, legend included and titles) and well-chosen?
- Was the notebook readable? Do you justify your position and approach with objective substantiation and theory?

## ACADEMIC HONESTY

Ethical behavior is an important trait of a Data Scientist, from ethically handling data to attribution of code and work of others. Thus, in CS109 we give a strong emphasis to **Academic Honesty**.

As a student your best guidelines are to be reasonable and fair. We encourage teamwork for problem sets, but you should not split the homework and you should work on all the problems together.

We have included some ideas below of **acceptable** and **not acceptable** behaviors in CS109. Engaging in **not acceptable** behavior regarding academic honesty will be handled harshly.

Please be responsible and when in doubt ask the CS109 Heads.

#### ACCEPTABLE:

- Discussing materials and engaging in OH.
- Helping debug.
- Using a **few** lines of code found online or other forum **as long as** you cite the origin and attribute authorship of code.
- Searching online to expand your knowledge and for debugging, **but not for outright solutions to HWs or final project.**
- Using a tutor, **provided the tutor does not do your work for you.**

#### NOT ACCEPTABLE:

- Submitting the same or similar work to CS109 that you have submitted previously to this or another course (or will submit to another course).
- **Submitting work to CS109 that you intend to use outside of the course (e.g., for a job) without prior approval from the CS109 Heads.**
- Accessing a solution to some problem prior to submitting your own.
- Failing to cite the origins of code or techniques that you discover outside of the course's own lessons and integrate into your own work.
- **Paying or offering to pay an individual for work that you may submit as your own.**
- **Providing or making available solutions to problem sets to individuals who might take this course in the future.**
- **Searching for or soliciting outright solutions to problem sets online or elsewhere.**
- **Splitting a problem set's workload with another individual and combining your work.**

*Some guidelines of Academic Honesty are adapted from CS50 copyright 2014.*