

MLDS 422 – Fall 2024

Homework 2

Due: Friday, 10/11/24 at 11:59pm

Function Practice – 20 points:

Create a text analysis module that contains functions to take in a string, list of strings or a file name, and return the top n most common words using base Python only with no imported packages.

More details can be found within **hw2.ipynb**.

Homework Policies for MLDS 422

Submissions

- Submit assignments through Canvas
- The output for each problem should be displayed in your submission so the TA doesn't have to run your code
- Code should run without errors
- Code should include comments and documentation

Grading

- ~60% of points for correctness (code runs and outputs correct results)
- ~30% of points for quality (well-structured and incorporates best practices)
- ~10% of points for documentation (commented and well-explained)
- Late policy: 10% of points deducted for each late day
- Keep in mind that there may be multiple correct approaches to each problem. As long as you explain your reasoning and your logic makes sense, you will receive full credit.

Resources

- Students should work individually on their assignments
- Students are encouraged to discuss questions with classmates, TAs and the instructor via the course Slack channel and office hours
- DO use ChatGPT to look up documentation and specific technical questions
- DON'T use ChatGPT to paste entire assignments without thought (remember that practice and struggle are essential to becoming a proficient coder)