

## **MLDS 422 – Fall 2024**

### **Homework 1**

**Due:** Friday, 10/4/24 at 11:59pm

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#### **Python Basics – 20 points:**

1. List Practice – 6 points
2. Dictionary Practice – 6 points
3. Function Practice – 3 points
4. Loop Practice – 5 points

More details can be found within **hw1.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)