CARNEGIE MELLON UNIVERSITY
DATA, INFERENCE & APPLIED MACHINE LEARNING (COURSE 18-785)
ASSIGNMENT 0

INSTRUCTIONS

- Submissions should be made via canvas.
- **Single** Python/MATLAB code file(.ipynb or .m) **[Do not Submit checkpoints for .ipynb].** In addition, each line of code should be documented by text. This demonstrates that the code is unique and owned by the student
- Assignment report(.pdf) with full evidence that the assignment was completed by the student and demonstrate a full understanding of each step in the process including textual descriptions of each result (statistics, table, graph etc) represents and insights that can be gained
  - Indicate the libraries you have used in your code at the beginning of the report (After the title page)
- Data files (as given)

Submission process:

1. Put source code **file and data files** in a single folder
2. Name of the folder should be the same as your Andrew ID
3. **Zip this folder and attach the zipped file on assignment submission page (CANVAS)**
4. After attaching zipped file, click on "Add Another File" from assignment submission page and **attach your report**
5. Submit your assignment

N.B. This new process will allow us to compile your reports in **Turnitin** to check for plagiarism.

Specific reasons for a submission being classified as incomplete include:

- Failure to correctly name your folder with your Andrew ID, report, and code file with andrewID_DIAML_AssignmentNo. For example, mcsharry_DIAML_Assignment1, mcsharry_DIAML_Assignment2 and mcsharry_BDS_Assignment3.
- A missing report describing the steps, results, and insights
- A missing dataset required for running the code
- A missing code file such as .ipynb or .m file
- An error in the file path needed to run the code

The student is responsible for checking that their submission is complete. Students will lose 10% as for usual late submission even if the submission is repaired during the 24 hours after the deadline has passed, and receive 0 for the assignment if it is not repaired.

The submission deadline is **Eastern Time (ET) on Saturday 03, September, 2022 17:59 / Rwandan Time (CAT) on Saturday 03, September, 2022 23:59.**

QUESTIONS

1. Submit the report document with a signed agreement stating the following.

I, the undersigned, have read the entire contents of the syllabus for course 18-785 (Data Inference and Applied Machine Learning) and agree with the terms and conditions of participating in this course, including adherence to CMU's AIV policy.

Signature:

Andrew ID:

Full Name:

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2. Submit your source code file which does the following:

- prints out "Hello Data Inference and Applied Machine Learning"
- defines the values of three famous mathematical constants and describes their relevance: pi, Euler's constant (e) and the Golden Ratio (phi). Description should be inserted as comments
- The final part of the code should print out the sum of the three constants.