Team name: College Dropouts
Team members: Kayla Casey, Josh Carlson, Claudia Dare, Cora McAnulty
Date: 3/29/24

This journal has to be uploaded to 1) Canvas (will create assignments). **AND** 2) posted to your project website every two weeks by 11:59 pm on the second Friday (except the spring break). When uploading to Canvas, change the file name to "Team_name_MM-DD-2023" where MM = month and DD= day of upload).

Team roles for this report (write down name):

Facilitator(s):Kayla Casey

Recorder(s): Joshua Carlson

Deliverer(s):Claudia Dare

Planner(s): Cora McAnulty

See last page for description of roles. Obviously one person can take more than one role or there can be more than one person per role or make your own roles!

0. **Describe briefly what the main goal of your team is (so the peer reviewer has some context). E.g. we are working on image classification for blah de blah. Our goal is blah de blah etc. In the initial part of the semester before your proposal it is ok to put down "we are still coming up with ideas on team project".**

We are working on clustering, regression, time series analysis, and ensemble learning to see which methods produce the most meaningful results. We are practicing these methods on both of our datasets- on the NFA dataset, we are hoping that clustering can provide unique insight into environmental similarities between countries, and on the FAOSTAT dataset we are beginning

regression and time series analysis to predict future temperate change by country and by the clusters we find in the NFA dataset.

I. **What was done during the report period regarding the project:** If you want to include code include this in the Appendix. Describe what the group did (including contributions of individual team members) with regards to the group project during this report period. Give enough details so I understand what you folks have been doing over the week. Include dates of your meeting(s) and who met on these days.

We worked separately for the most part during this stretch of time, solely using our group chats to communicate. We wanted to focus on individually exploring the data and our methods of analysis so that we can meet to discuss our findings later. During this time, every individual has been practicing the methods listed above on the data.

Facilitator: Kayla Casey – I managed our work this week by reminding teammates of our goals and which methods we should each be exploring. I also did my own analysis as we all agreed.

Recorder: Joshua Carlson – I wrote this report and did my own analysis of the data.

Deliverer: Claudia Dare – I will upload this document and I did my own analysis of the data.

Planner: Cora McAnulty – I planned out our next meeting time for next week and will be doing my own analysis of the data.

II.   **What were obstacles faced if any in working on the project?** This could be technical (like not being able to implement or understand particular techniques) or time issues (midterms for other courses etc).

Time issues were the biggest obstacle we faced for this stretch of work. Coming back from spring break has been hectic for all of us. Many of us have had midterms these past two weeks, which made meeting in person much more difficult. We decided to work separately and to meet early next week to share what we have individually done to combat our lack of available time.

III. **What is the plan for the next reporting period including what each team member is planning to work on. Describe goals and potential timelines (" I plan to finish understanding x to see if it can be implemented for our project by Wednesday etc".)**

We all plan to meet to discuss our findings and to decide which methods to pursue deeper as we get closer to finishing our project. We plan to meet early next week so that by the time the next report is due, we will have solidified what methods will be presented upon in our final presentation.

While in the biweekly document above you will describe what your team did with regards to the team project (with proper attributions of who did what in the week) there are 4 pre-defined roles. I urge you to have different people do these jobs every week so that you gain experience in each of the jobs. There can also be more than one person per job for example 2 people recording the weekly journal.

Facilitator: Manages the group for this week including setting up times for group members to meet, making sure everyone has a say in the meetings etc.

Recorder: Person in charge of recording the meetings as well as the happenings of the past two weeks and describing what was accomplished in the meeting and writing up this report.

Deliverer: Person in charge of checking the entire report and uploading the file to dropbox folder and project website, as well as the representative of the group getting in touch with the instructor.

Planner: Person in charge of what will be happening next two weeks as well as thinking about longer term goals (what more needs to be done for the project).

Team contact: Person I can email if I see any issues in the biweekly report instead of mass spamming everyone in the team.