Report 2: Task

Due Date: Dec. 14, 11:59pm

Description

In this report, your group will create a task to solve on your dataset and attempt two different methods/models to solve the task. The design of the task is left to your group to decide, but it must be designed properly, following the discussions in class. The methods can be unsupervised or supervised.

Discuss in detail, how you designed your task/dataset. I should be able to follow your description and create the same setup (i.e. how you selected the training set or trained your model). There are many other things to consider and you should mention all of them. If I don't understand what you did, you will lose points.

The methods that you apply to the problem should be reasonable, but I am not expecting amazing results. The use of at least two methods is to compare the performance between the methods. Calculate the precision, recall, and f-score of both models.

This report **must** be written using provided latex style file and bibliography file. Only one member of the group is required to submit the report.

Similar to Report 1, you must submit your code with a subset of your data (~500 samples) so that I can run your code at the command line "python report_2_task.py <location_of_data_file>". This code should create the similar setup for your task, run your models, and calculate the performance, which it prints to the screen. Again, these values will not be the same as your report because I am using a subset of your dataset.

What to Submit

1. A pdf file that was created using the provided latex style file that includes your task description, models, and results.
2. Code that you used to run your models.

Rubric Guide

This is a rough guide to how the report will marked, but it might differ a little.

Points	Category
2	Latex format
3	Grammar
10	Task description/design
10	Methods applied
10	Code