Natural Language Processing

Homework and Programming Assignment 3

**Total Points: 100**

**Deadline: October 26, 2022**

1. Write summary for 3 distinct research papers. Papers could be published at most 3 years older. So, you should pick paper from 2022, 2021 and 2020 that are related with your project. You should follow the below to write report individually.
   1. Brief summary of the paper
   2. What methods they use and how they used it
   3. What algorithm they develop and why?
   4. What dataset they use and provide little bit about dataset.
   5. What is their performance metrics and what was their performance.
   6. Write limitations of the paper.
   7. Compare your proposed methodology with the paper’s proposed one.

Please note that you must submit the above criteria for each individual paper. Each criterion will be equally graded.

Final report will be a group submission (project group members only) combining each individual report together separated by group member name. Paper selection example, if a group has two members, they will pick two different set of papers related to your project.

Member 1: paper 1, paper 2, paper 5

Member 2: paper 3, paper 6, paper 4

You cannot pick same paper within same group and different group. Papers should be different.

Grading distribution will be equal weighted for each paper. For example, a group of 2 member should have 3 papers each member in total of 6 paper. Therefore, 33% for each paper and 1% for fair writing.

**You also must give the paper link at the end as a reference.**

**Note that:** You can use this final report as your related work section in the final project report by slightly adjusting the text.

**Submission Instructions:**

**Important.** Each group member should submit the same combined report with mentioning each group members portion separately.