**Title**:Predicting the Severity of COVID-19 Cases in the Philippines

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**Introduction**:

*Motivate and abstractly describe the problem you are solving and how you are addressing it.*

*What is the problem? Why is it important? What is your basic approach? A short discussion of*

*how it fits into related work in the area is also desirable (optional for this assignment).*

*Summarize the basic results and conclusions that you will present.*

*Description of Problem: Precisely define the problem you are addressing (i.e. formally specify the inputs and outputs).*

*Approach:*

*Summary of results/contribution*

**Approach:**

*Describes the details of your approach*

*Describe in reasonable detail the algorithm(s) you are using to address this problem. A pseudocode description of the algorithm(s) you are using is frequently useful. Trace through a*

*concrete example, showing how your algorithm processes this example. The example should be*

*complex enough to illustrate all of the important aspects of the problem but simple enough to*

*be easily understood. If possible, an intuitively meaningful example is better than one with*

*meaningless symbols. Your description of the algorithm should include what assumptions if any*

*you are making about the data, and also what parameters or design choices need to be made*

*(the consequences of these choices should then be explored in detail in the experimental*

*evaluation).*

**Experiments:**

*Description of Datasets*

*Describe the data sets that you use in your experimental evaluation. If you do any feature pre-*

*processing, this is the place to describe it.*

*Baselines or other approaches for comparison*

*Describe the experimental methodology that you used. What are the criteria that you are using*

*to evaluate your method? What specific hypotheses does your experiment test? How did you*

*do training/validate/test splits? Comparisons to competing methods that address the same*

*problem are particularly useful.*

*Explanation of Results*

*Is your hypothesis supported? What conclusions do the results support about the strengths and*

*weaknesses of your method compared to other methods? How can the results be explained in*

*terms of the underlying properties of the algorithm and/or the data.*

*Error analysis*

**Discussion:**

*Briefly summarize the important results and conclusions presented in the paper. What are the most important points illustrated by your work? If you were to continue working on the project, what are the interesting areas for future work? What are the major shortcomings of your current method? For each shortcoming, propose additions or enhancements that would help overcome it.*

*Evaluation of Findings*

*Possible Next Steps*

**Bibliography:**

*Be sure to include a standard, well-formated, comprehensive bibliography with citations from the text referring to previously published papers in the scientific literature, resources, or code that you utilized or referenced during your project.*