

# Project Report Template

## First Author

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## Second Author

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## 1 Introduction

### 1.1 Task / Research Question Description

What is the task you are trying to solve or what is the research question you are trying to answer?

### 1.2 Motivation and Limitations of existing work

Have others tried to solve the same task or answer a similar research question? What are you trying to do differently and why? What were the limitations or shortcomings of prior work?

### 1.3 Proposed Approach

Briefly describe some of your initial thoughts about your proposed approach and your preliminary ideas

### 1.4 Likely challenges and mitigations

What is hard about this task / research question? What are your contingency plans if things turn out to be harder than expected or experiments do not go as planned?

## 2 Related Work

Include 3-4 sentence descriptions of no less than 4 relevant papers. Also mention how your work differs from these. Note that prior work should be properly cited in References, e.g., when you use the BERT model (Devlin et al., 2019) you could cite it in this way; if you want to refer to the authors of a certain paper, you should use `citet`, e.g., Devlin et al. (2019) proposed the BERT model. See <https://acl-org.github.io/ACLPUb/formatting.html> for instructions.

## 3 Experiments

### 3.1 Datasets

Please list which datasets you plan to use, whether or not you have access them, and whether or not they are publicly available with the same preprocessing and train / dev / tests as the previous work you will be comparing to (if applicable). If you plan to collect your own dataset, please describe clearly the data plan (the data source, how you plan to collect it, how you would preprocess it for the task, etc.).

### 3.2 Baselines

Please list the baseline methods (if applicable) that you will compare to, importantly state whether or not you will need to run their method on new datasets or if you have already published results. Also list if they have publicly available source code that can be used to run experiments.

### 3.3 Timeline

Please provide a week-by-week timeline for the next few weeks leading up to at least Checkpoint 2. Which SOTA model would you implement for your Checkpoint 2? What work (literature reading/coding/experiment/etc.) will you do each week? What would you like to have accomplished by Checkpoint 2? How will you divide the workload in the team?

## References

Jacob Devlin, Ming-Wei Chang, Kenton Lee, and Kristina Toutanova. 2019. BERT: Pre-training of deep bidirectional transformers for language understanding. In *Proceedings of the 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, Volume 1 (Long and Short Papers)*, pages 4171–4186.