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# (CSCI 567 - Final Project Template)

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## **Teammate #1**

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## **Abstract**

(One paragraph summarizing your general idea, what data you used, and the results you got)

## **1 Introduction**

This is a template for your written final report. Remember that you have a maximum page size of 6, including references. Replace the text in each section with your actual content. Questions in bold should help you focus each section with additional recommendations in parenthesis.

For example: **What was the project about? What was your general idea?** (Fill in with a description of what the project was about, how you approached it—the general idea).

### **1.1 Formatting Instructions**

The original NeurIPS 2019 template states that “[t]he text must be confined within a rectangle 5.5 inches (33 picas) wide and 9 inches (54 picas) long. The left margin is 1.5 inch (9 picas). Use 10 point type with a vertical spacing (leading) of 11 points. Times New Roman is the preferred typeface throughout and will be selected for you by default. Paragraphs are separated by 1/2 line space (5.5 points), with no indentation. The paper title should be 17 point, initial caps/lower case, bold, centered between two horizontal rules. The top rule should be 4 points thick and the bottom rule should be 1 point thick. Allow 1/4 inch space above and below the title to rules. All pages should start at 1 inch (6 picas) from the top of the page.” [1]

#### **1.1.1 Headings**

All headings should be lower case (except for first word and proper nouns), flush left, and bold. First-level headings should be in 12-point type with the consecutive headings at 10-point.

#### **1.1.2 References**

Use unnumbered first-level heading for the references. Any choice of citation style is acceptable as long as you are consistent. It is permissible to reduce the font size to small (9 point) when listing the references. **Remember that you can only use six pages with cited references.**

Table 1: Sample table title

Name	# examples
Train	xx
Test	yy
Eval	zz



Figure 1: Sample figure caption.

## 2 Previous work

**Where did you draw inspiration from?** (This could include articles you read, kaggle forum posts, or some article you found online. Remember to properly cite your sources.)

## 3 Data

**What data did you use? Did you do anything to the data?** (Fill in with a description of the data that you used. What is the target variable? What features did you use? Include any pre-processing and cleaning (e.g., centering, removing outliers, etc.) Include tables with summary descriptions (e.g., Table 1) ).

## 4 Experiments

### 4.1 Models

**What models did your team tried out?** (Fill in with a brief description of the learning algorithms and models your team tried. Don't just mention them, but add a bit of explanation on how they work and why you decided to try them. If you're using parametric models, remember to mention which parameters and how you selected them).

### 4.2 Evaluation

**How did you evaluate the performance of your models?** (Fill in with a description of evaluation metrics, and a description of any train/test split or cross-validation your team did)

### 4.3 Setup

**How did you implement your models?** (What computational resources did you use? What programming language and which libraries?)

## 5 Results

**What results did you get?** (While the numbers are important, also try to explain what this numbers mean. Why do you think the numbers look the way they do? For example, can you tell if your models are over-fitting the data? You might want to include some graphics like in Figure 1)

## 6 Conclusion

**What did you learn from all this?** (Did you get any insights on why your model(s) work and why they did not? What would you have tried differently?)

## References

- [1] NeurIPS. Formatting instructions for neurips 2019. Online, 2019. URL <https://nips.cc/Conferences/2016/PaperInformation/StyleFiles>.