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# Latex Template For PRML Assignments

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## Abstract

The abstract must be limited to one paragraph.

## 1 Introduction

In this section, one should introduce what you have explored in this assignment.

## 2 Dataset

In this section, you should introduce the dataset [1] and the results of your Exploratory Data Analysis (EDA).

## 3 Methodology

Introduce your methods used here. You can arrange more than one sections to well express your methods.

## 4 Results

Report your results here. You can arrange more than one sections to well express your results.

In most cases, figures help your paper easier to understand, insert figure like Figure 1.

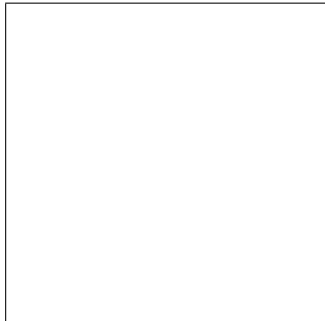


Figure 1: Sample figure caption.

All artwork must be neat, clean, and legible. Lines should be dark enough for purposes of reproduction. The figure number and caption always appear after the figure. Place one line space before the figure

Table 1: Sample table title

Part		
Name	Description	Size ( $\mu\text{m}$ )
Dendrite	Input terminal	$\sim 100$
Axon	Output terminal	$\sim 10$
Soma	Cell body	up to $10^6$

caption and one line space after the figure. The figure caption should be lower case (except for first word and proper nouns); figures are numbered consecutively.

Tables are also necessary in some cases to present your results better.

## 5 Conclusion

Conclude your paper in this section.

**Notice:** This  $\text{\LaTeX}$  template is modified by Peng Li with template of NIPS2020. Assignments **must** be submitted with this template, and use PDFLaTeX directly to compile your `tex` files.

More information can be found in the following site if you find troubles in compiling your `tex` files:

<https://neurips.cc/Conferences/2020/PaperInformation/StyleFiles>

**Hint:** Do not change any aspects of the formatting parameters in the style files. In particular, do not modify the width or length of the rectangle the text should fit into, and do not change font sizes.

## References

- [1] Han Xiao, Kashif Rasul, and Roland Vollgraf. Fashion-mnist: a novel image dataset for benchmarking machine learning algorithms. *CoRR*, abs/1708.07747, 2017.