

YOUR PROJECT TITLE

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Length: 3-4 pages

Abstract

Your abstract here (max 10-15 lines).

1 Introduction

- This template is based on the template of previous iterations of the course.
- Introduce your research (context)
- Problem statement and research question, including concrete hypothesis

2 Related Work

Use peer-reviewed sources relevant to your own project, discuss them in relation to your own work and cite properly. If you find additional papers, discuss them (optional).

You can cite a paper by using BibTeX like this (Culotta et al., 2015), or the following way if the paper is part of the sentence like Culotta et al. (2015), where the BiBTeX entry is in the mybib.bib file. The proper use of L^AT_EX and citation using BiBTeX is part of this assignment.

3 Data

Describe the data you will use in your research. Describe the data collection, the way you obtained the part of the data you would work with (precisely describe how you will obtain the data for your independent and dependent variables). You can provide a table with examples to give the reader an idea of the dataset you are using. For example, “We will construct ...”¹

¹[Note: use ‘we’ rather than ‘I’, even though you are the only author (this work is individually done!) - this is common practice in many fields]

Describe how you would obtain data for your variables. If it relies on an automatic way to inferring the variable (e.g., for gender) describe precisely how you would do it. Mention also possible limitations of the way you would obtain the data.

Pre-processing Describe how you would pre-process the data. Describe all design choices (e.g., would you tokenize the data? how would you handle retweets?).

Table 1 provides a summary of the data that will be used in this study.

A	B
A	B
A	B

Table 1: Overview of the data set. Provide an appropriate caption.

4 Predicted Results

In this section you will describe your expected results based on the literature you found.

Table 2 summarizes...

A	B	C
A	B	C
A	B	C

Table 2: Add a caption

Discussion This is the part in which you discuss what it would mean to find these results and their implications.

5 Conclusion

Wrap up your report by giving answers to your research question in the beginning. For example,

“This study aimed at ...” You might mention limitations of the current study, or directions for further research here.

Check list

(in your final paper remove this section)

- Make sure your paper is max 4 pages long (excluding references and appendices)
- check that your paper contains an abstract
- check that your paper states the research hypothesis clearly, and defines independent and dependent variables
- make sure your paper discusses at least 3 papers that you found relevant to your own work
- check that your paper describes precisely how you would create the data set that you base your research on, including all steps in preprocessing the data
- make sure your paper links to the github repository
- make sure your paper contains a predicted results section, which shows the predicted results of your study and discusses them (table + text).
- finally, make sure you have all parts of the report: abstract, introduction, related work, data, predicted results, conclusion
- check proper use of L^AT_EX and BibTex

References

Culotta, A., N. R. Kumar, and J. Cutler (2015). Predicting the demographics of twitter users from website traffic data. In *AAAI*, pp. 72–78.