A Data Science Approach to Short-Term Energy Demand Forecast

Louis Long (z5162359) Mark Budrewicz (z5353932) Hao Chiou (z5131909)
Charlet Jeyapaul (z5375906)

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1 Abstract

2 Literature review

3 Material and Methods

3.1 Software

R and Python of course are great software for Data Science. Sometimes, you might want to use `bash` utilities such as `awk` or `sed`.

Of course, to ensure reproducibility, you should use something like `Git` and RMarkdown (or a Jupyter Notebook). Do **not** use Word!

3.2 Description of the Data

How are the data stored? What are the sizes of the data files? How many files? etc.

3.3 Pre-processing Steps

What did you have to do to transform the data so that they become useable?

3.4 Data Cleaning

How did you deal with missing data? etc.

3.5 Assumptions

What assumptions are you making on the data?

3.6 Modelling Methods

4 Exploratory Data Analysis

5 Analysis and Results

6 Discussion

Put the results you got in the previous chapter in perspective with respect to the problem studied.

7 Conclusion

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References

Appendix