Title of the Term Project   
(Insert title here)

**Text Mining**

Winter Semester 20/21

**–** Term Paper **–**

Submitted to

Prof. Dr.

Chair for Data Science and Digitization

at

Faculty of Economics and Business Studies

Submission date:

Submitted by:

Student ID:

E-Mail:

Abstract

This is where you write your abstract. What is the content in a nutshell? (max. 250 words)

# Introduction

This is a template for a seminar paper. If you want to professionalize your work and increase efficiency, we strongly encourage you to search for (Internet) resources on automatic referencing.

To achieve a good grade, it is highly recommended to include both a nicely written introduction as well as a focused conclusion. The introduction should state the relevance and importance of your work. For instance, when you are assigned to the topic “Linear regression” you should answer the questions: Why does one need linear regressions? Where does one need linear regressions? Which problems require a linear regression for solving? You might want to finish your introduction with a brief outline describing the structure of your paper.

For users of LaTeX, a special TeX template is available upon request.

# Formatting

This section contains the formatting suggestions for your seminar paper. For the entire document (except the references section) use 1.5 line spacing. For the entire document, use a serif font (e.g. Times New Roman). The document should be an A4-format with a 2.5 cm margin on the left, right, and at the top, and a 2 cm margin at the bottom.

## Cover

The seminar title and the title of your topic should be in 20pt. bold font (or use the Cover H1 style in this template). The text “Winter Semester 2019/2020” and “Seminar Paper” should be in 16pt and framed by a dash on each side (Cover H1 style). The text including your name, advisors, and student ID should be 16 pt. bold font (Cover text style).

## Headings and TOC

First-level headings should be 14 pt. bold font (Überschrift 1 / Heading 1 style), second-level headings should be 12 pt. bold font (Überschrift 2 / Heading 2 style), and third-level headings should be 12 pt. bold font (Überschrift 3 / Heading 3 style). Do not use more than three different levels of headings. Your table of contents should list all sections, including the references section and appendices, but not the table of contents itself.

You might find advice on how to use automatically numbered captions in Word at http://office.microsoft.com/en-us/word-help/add-captions-in-word-HA102227021.aspx or http://www.addictivetips.com/microsoft-office/insert-captions-cross-references-in-word-2010/.

## Document

The text in your document should be 11 pt. Times New Roman and fully justified (Normal style). In case you add code snippets, please use a monospace font such as Courier New. Be aware that links to websites should have no underline and also be typed in black color – e.g. http//www.sample-website.com.

## Figures and Tables

Figures and tables should be centered and numbered (Figure 1, Table 1, …). Use 11 pt. bold font for the captions. Only meaningful figures and tables should be included in your document body, the rest can be appended. We strongly encourage you to check out instructions on automatic captions and references. Please be aware that captions must end with a punctuation mark. The standard guideline for figures and tables is to reference the object (compare Table 1).

|  |  |  |
| --- | --- | --- |
|  | **Column 1** | **Column 2** |
| Row 1 | Text | Text |
| Row 2 | Text | Text |
|  |  |  |

Table 1: Meaningful description of this table and a sentence that ends with a punctuation mark.

## C:\Users\Alex\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\FNWUV7L2\MC900215299[1].wmf

Figure 1:Add a meaningful caption.

## Equations

Did you know that Einstein’s famous equation (1) has a little more to it than is usually mentioned? For an explanation, ask a friendly physicist.

Formally,

|  |  |  |
| --- | --- | --- |
|  |  | (1) |

where….

# Citations

There are many sources of literature for your thesis. A good starting point is the list of sources below.

* \_ Google Scholar
* \_ Web of Knowledge
* \_ ScienceDirect
* \_ Webpages of journals, such as Elsevier, Springer, IEEE and ACM

You may want to use different literature depending on the reason for your reference. Below you can find a list of reasons why one would use a reference:

* \_ Similar research
* \_ Proof of relevance
* \_ Proof of novelty
* \_ Same methodology
* \_ Links for background search
* \_ Theories for discussion

During your research, you will presumably collect quite a large number of publications. The proper organization of your literature will therefore ease your writing We recommend using software tools for references; e.g. Citavi.

Use the MISQ references format for all citations in your paper. Do not use footnotes for citations. The MISQ references format can be accessed at http://www.misq.org/manuscript-guidelines.

Example: Ueno et al. (2006) argue that simply the provision of information on energy consumption can already induce behavioral changes. This paradigm translates research from ubiquitous and context-aware computing to provide a more comfortable living environment (Davidoff et al. 2006).

# Conclusion

The way you write strongly affects how your text is interpreted. Therefore, we recommend reading “The Science of Writing” by George Gopen (https://cseweb.ucsd.edu/~swanson/papers/science-of-writing.pdf).

# References

Davidoff, S., Lee, M., Yiu, C., Zimmermann, J., Dey, A. 2006. “Principles of Smart Home Control,” in *UbiComp 2006:* *Ubiquitous Computing (Lecture Notes in Computer Science)*, P. Dourish and A. Friday (eds.), Berlin / Heidelberg: Springer, pp. 19-34.

Han, D.-M., and Lim, J.-H. 2010. “Design and Implementation of Smart Home Energy Management Systems Based on Zigbee,” *IEEE Transactions on Consumer Electronics* (56:3), pp. 1417-1425.

Jahn, M., Jentsch, M., Prause, C. R., Pramudianto, F., Al-Akkad, A., and Reiners, R. “The Energy Aware Smart Home,” in *5th International Conference on Future Information Technology (FutureTech)*, Busan, South Korea, pp. 1-8.

Ueno, T., Sano, F., Saeki, O., and Tsuji, K. 2006. “Effectiveness of an Energy-Consumption Information System on Energy Savings in Residential Houses Based on Monitored Data,” *Applied Energy* (83:2), pp. 166-183.