



**Hochschule für Technik  
und Wirtschaft Berlin**

**University of Applied Sciences**

---

**One  
Two  
Three**

---

Master's Thesis

*Study Programme*  
**Business Computing**

**Faculty 4**

*Submitted by*  
**Student Name**

*Date*  
**Berlin, November 22, 2025**

**1st Supervisor: Prof. Dr. First  
2nd Supervisor: Prof. Dr. Second**

Dedication Text

## **Abstract**

This abstract will be written once the thesis is finished. **Keywords**— Conversational, Analytics, BI, LLMs, HIL, RLHF

## **Zusammenfassung**

Deutsche Zusammenfassung. **Keywords**— Conversational, Analytics, BI, LLMs, HIL, RLHF

# **Contents**

<b>List of Figures</b>	iii
<b>List of Tables</b>	iv
<b>List of Code Examples</b>	v
<b>List of AI Models and Tools</b>	vi
<b>Abbreviations</b>	vii
<b>1. Basics</b>	1
1.1. Section . . . . .	1
1.1.1. Subsection . . . . .	1
1.2. References . . . . .	1
1.2.1. In-text . . . . .	1
1.2.2. Referencing Title or Author . . . . .	2
1.3. Lists . . . . .	2
1.4. Footnotes . . . . .	2
1.5. Images . . . . .	3
1.6. Code . . . . .	3
<b>Bibliography</b>	4
<b>Declaration of Authorship</b>	5
<b>Blocking Notice</b>	6

## **Appendix**

<b>A. Supplementary Figures and Tables</b>	<b>A-1</b>
<b>B. Source Code</b>	<b>B-1</b>
B.1. GitHub Repository . . . . .	B-1
<b>C. Data</b>	<b>C-1</b>
<b>D. Questionnaires</b>	<b>D-1</b>

# **List of Figures**

1.1. HTW Logo . . . . .	3
-------------------------	---

## **List of Tables**

# **List of Code Examples**

1.1. Hello World . . . . .	3
----------------------------	---

## **List of AI Models and Tools**

<b>AI Tool</b>	<b>Section</b>	<b>Purpose of Use</b>
DeepL	Blocking Notice	Translation of the blocking notice (Sperrvermerk) into English.
DeepL	Declaration of Authorship	Translation of the declaration of authorship (Eigenständigkeitserklärung) into English.

# **Abbreviations**

**AI** Artificial Intelligence. 1

**CDA** Conversational Data Analytics. 5

**LLM** Large Language Model. 1

**NLP** Natural Language Processing. 5

# 1. Basics

Line breaks with \\

**bold text** with \textbf (Ctrl+B)

*italic text* with \textit (Ctrl+I)

New paragraph with \par

\chapter{}, \section{}, \subsection{}, \subsubsection{} creates sections, chapters

## 1.1. Section

### 1.1.1. Subsection

**Sub-subsection**

## 1.2. References

### 1.2.1. In-text

\cite[] {Name of the source in bibliography}

LLMs have been heavily researched for the past 10 years (Sun et al. 2025)

### 1.2.2. Referencing Title or Author

\citeauthor or \citetitle

Though there is a study published by Sun et al. which examines how LLMs work: “A Survey on Large Language Model-based Agents for Statistics and Data Science”.

## 1.3. Lists

enumerate or itemize

1. One
2. Two
3. Three
  - Bullet point
  - Bullet point
  - Bullet point

## 1.4. Footnotes

Only songs with the biggest appeal to the public will be analysed. The song selection is based on the *Billboard Top 100 Weekly Charts*<sup>1</sup> which feature the most played songs during one week.

---

<sup>1</sup> <https://www.billboard.com/charts/hot-100>

```
1 #example code listing  
2 print("Hello World")
```

**Code 1.1:** Hello World

## 1.5. Images

With figure. When compiling, images are automatically moved to the best position, so they do not always appear directly below the text. This can be prevented with [h] after figure.



**Figure 1.1.:** HTW Logo

## 1.6. Code

# Bibliography

- [1] M. Sun et al.: “A Survey on Large Language Model-based Agents for Statistics and Data Science”. In: *The American Statistician* 0.0 (), pp. 1–14. ISSN: 0003-1305. doi: 10.1080/00031305.2025.2561140. (Visited on 10/30/2025).

# **Declaration of Authorship**

## **Written assurance § 23(5) sentence 1 RStPO:**

I hereby declare that I have written this Master's thesis independently and without outside help, and have used no other sources than those listed in the bibliography. All passages taken verbatim from other authors as well as explanations in my work that closely follow the trains of thought of other authors are specially marked.

This work has not been submitted in the same or a similar form to any other examination authority and has not been published.

---

Place, Date, Signature

## **Blocking Notice**

This master's thesis entitled XXX contains confidential data belonging to the company ABC GmbH. This thesis may not be made accessible to third parties, with the exception of the first and second examiners and authorised members of the examination board, without the express consent of the company and the author.

Reproduction and publication of the master's thesis without prior permission is not permitted, even in excerpts. The author and the company reserve the right to take legal action against any violation of this prohibition.

# **Appendix**

## **A. Supplementary Figures and Tables**

## **B. Source Code**

### **B.1. GitHub Repository**

## **C. Data**

## **D. Questionnaires**