



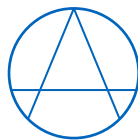
SCHOOL OF COMPUTATION,  
INFORMATION AND TECHNOLOGY —  
INFORMATICS

TECHNISCHE UNIVERSITÄT MÜNCHEN

Bachelor's Thesis in Informatics

**Seamless Synergy: Unifying Local  
Development and Cloud Execution in  
Machine Learning DevOps**

Baraa Alnassan



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**Nahtlose Synergie: Vereinheitlichung von  
lokaler Entwicklung und Cloud-Ausführung  
in DevOps für maschinelles Lernen**

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I confirm that this bachelor's thesis is my own work and I have documented all sources and material used.

Munich, September 1st 2024

Baraa Alnassan

## **Acknowledgments**

# Abstract

# Contents

<b>Acknowledgments</b>	<b>iii</b>
<b>Abstract</b>	<b>iv</b>
<b>1 Introduction</b>	<b>1</b>
1.1 Section . . . . .	1
1.1.1 Subsection . . . . .	1
<b>Abbreviations</b>	<b>3</b>
<b>List of Figures</b>	<b>4</b>
<b>List of Tables</b>	<b>5</b>

# 1 Introduction

## 1.1 Section

Citation test [**latex**].

Acronyms must be added in `main.tex` and are referenced using macros. The first occurrence is automatically replaced with the long version of the acronym, while all subsequent usages use the abbreviation.

E.g. `\ac{TUM}`, `\ac{TUM}`  $\Rightarrow$  Technical University of Munich (TUM), TUM

For more details, see the documentation of the acronym package<sup>1</sup>.

### 1.1.1 Subsection

See Table 1.1, Figure 1.1, Figure 1.2, Figure 1.3.

Table 1.1: An example for a simple table.

A	B	C	D
1	2	1	2
2	3	2	3

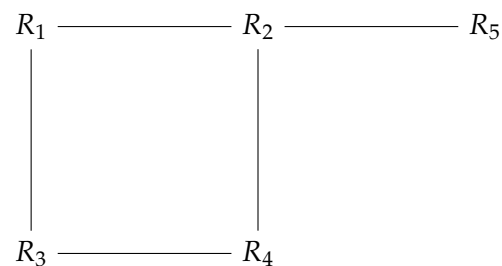


Figure 1.1: An example for a simple drawing.

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<sup>1</sup><https://ctan.org/pkg/acronym>



Figure 1.2: An example for a simple plot.

```
SELECT * FROM tbl WHERE tbl.str = "str"
```

Figure 1.3: An example for a source code listing.



# Abbreviations

TUM Technical University of Munich

# List of Figures

1.1	Example drawing . . . . .	1
1.2	Example plot . . . . .	2
1.3	Example listing . . . . .	2

# List of Tables

1.1	Example table . . . . .	1
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