

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

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

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I confirm that this bachelor's and material used.	thesis is my o	wn work and	l I have docun	nented all sources
Munich, September 1st 2024				Baraa Alnassan



Abstract

Contents

A	Acknowledgments						
A	bstract	iv					
1	Introduction 1.1 Section	1 1					
A	bbreviations	3					
Li	ist of Figures	4					
Li	ist of Tables	5					
Bi	ibliography	6					

1 Introduction

1.1 Section

Citation test [Lam94].

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 package¹.

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	В	C	D
1	2	1	2
2	3	2	3

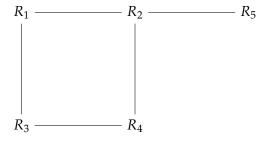


Figure 1.1: An example for a simple drawing.

¹https://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
1.2	Example plot
1.3	Example listing

List of Tables

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1.1	Example table																		1

Bibliography

[Lam94] L. Lamport. *LaTeX : A Documentation Preparation System User's Guide and Reference Manual.* Addison-Wesley Professional, 1994.