# SCHOOL OF COMPUTATION, INFORMATION AND TECHNOLOGY — INFORMATICS

TECHNISCHE UNIVERSITÄT MÜNCHEN

Bachelor's Thesis in Informatics

Thesis title

Baraa Alnassan

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

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Advisor: Derui Zhu (TUM), Kaio (IT4IPM)

Submission Date: September 1st 2024

I confirm that this bachelor's thesis is my own wand material used.	vork and I have documented all sources
Munich, September 1st 2024	Baraa Alnassan



### **Abstract**

### **Contents**

A	cknowledgments	iii					
A	Abstract						
1	Introduction           1.1 Section	<b>1</b> 1					
A	bbreviations	3					
Li	ist of Figures	4					
Li	ist of Tables	5					

#### 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	В	C	D
1	2	1	2
2	3	2	3

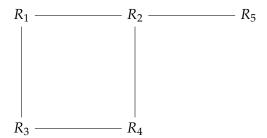


Figure 1.1: An example for a simple drawing.

<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
1.2	Example plot
1.3	Example listing

## **List of Tables**

	. 1 . 1 1																		_
1.1	Example table																		1