GOTTFRIED WILHELM LEIBNIZ UNIVERSITÄT HANNOVER
FAKULTÄT FÜR ELEKTROTECHNIK UND INFORMATIK

# Information extraction from arcticles on the impacts of COVID-19 lockdowns on air quality

*A thesis submitted in fulfillment of the requirements for the degree of*
**Bachelor of Science in Computer Science**
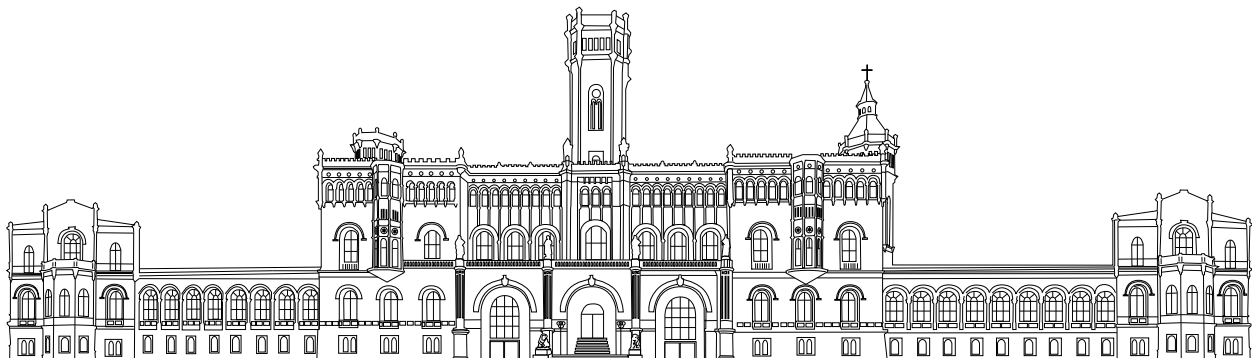
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31.08.2022

# Declaration of Authorship

I, XXX, declare that this thesis titled, 'PP' and the work presented in it are my own. I confirm that:

- This work was done wholly or mainly while in candidature for a research degree at this University.

- Where any part of this thesis has previously been submitted for a degree or any other qualification at this University or any other institution, this has been clearly stated.

- Where I have consulted the published work of others, this is always clearly attributed.

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- I have acknowledged all main sources of help.

NAME

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I

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# *Acknowledgements*

XXXXX

# Abstract

Your Abstract. Clearly motivate your work (WHY), state what is your problem (WHAT), and describe your solution (HOW). Also, explain how your solution was evaluated (either empirically or formally) and summarized the observed results
*Keywords: KW1, KW2, KWn*

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# Acronyms

**GaV**  Global-as-View

**GLaV**  Global-Local-as-View

**LaV**  Local-as-View

**LSLOD**  Life Science Linked Open Data

**QEP**  Query Execution Plan

**RDF**  Resource Description Framework

**RDF-MT**  RDF Molecule Template

**RDFS**  RDF Schema

**SDL**  Semantic Data Lake

**SSQ**  star-shaped sub-query

**URI**  Universal Resource Identifier

# Chapter 1

# Introduction

Your Introduction

# Chapter 2

# Background

This chapter introduces the main topics needed to understand the development of this thesis.

# Chapter 3

# Related Work

Topics related to this thesis have been extensively treated in the literature. This chapter presents an overview of what has been done

# Chapter 4

# Approach

This chapter states the problem statement and proposed solution

# Chapter 5

# Implementation

This section presents your implementation

# Chapter 6

# Experimental Evaluation

The experimental evaluation is reported in this section. Please, include your research questions.

The research questions addressed by this thesis are: **RQ1)** YYY **RQ2)** XXX **RQ3)** TT **RQ4)** OPP

The remainder of this chapter is structured as follows: First, the used benchmark is described. Second, the data preparation is presented. Afterwards, the setup of the experiment is depicted. Finally, the results are shown and analyzed.

**Benchmark:**
**Metrics:**
**Implementations:**

# Chapter 7

# Conclusions and Future Work

This chapter presents the lessons learned and future work