

# EXAMINE AND COMPARE DATABASE TECHNOLOGIES TO TIME SERIES DATA

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Master's Thesis in Applied Computer Science and Engineering

<Engineering> <Data Science> Specialisation



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# ABSTRACT

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This is where you write the abstract.

# ACKNOWLEDGMENTS

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I would like to thank . . .

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## INTRODUCTION

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- 1.1 Context and Motivation**
- 1.2 Problem Description and Research Questions**
- 1.3 Research Method**
- 1.4 Thesis Outline**

## BACKGROUND AND RELATED WORK

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This is another chapter...

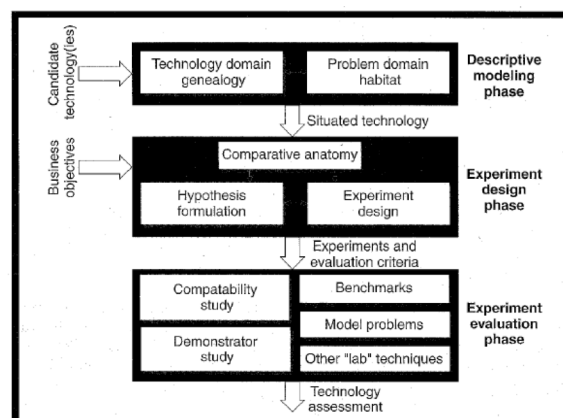


Fig. 2.1: Software technology evaluation framework.

# CHAPTER 3

## DESIGN AND ANALYSIS

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## IMPLEMENTATION AND PROTOTYPES

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```
public static void main(String[] args) {  
  
    int b, h, d;  
    String btext, htext, dtext;  
  
    [ ... ]  
  
    int volum = b * h * d;  
  
    String respons =  
        "Volum [" + htext + "," + btext + "," + dtext + "] = " + volum;  
  
}
```



## EVALUATION AND RESULTS

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Table 5.1 gives an example of how to create a table.

Config	Property	States	Edges	Peak	E-Time	C-Time	T-Time
22-2	A	7,944	22,419	6.6 %	7 ms	42.9%	485.7%
22-2	A	7,944	22,419	6.6 %	7 ms	42.9%	471.4%
30-2	B	14,672	41,611	4.9 %	14 ms	42.9%	464.3%
30-2	C	14,672	41,611	4.9 %	15 ms	40.0%	420.0%
10-3	D	24,052	98,671	19.8 %	35 ms	31.4%	285.7%
10-3	E	24,052	98,671	19.8 %	35 ms	34.3%	308.6%

**Table 5.1:** Selected experimental results on the communication protocol example.

## CONCLUSIONS AND FUTURE WORK

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### 6.1 Main Contributions

### 6.2 Conclusions on Research Questions

### 6.3 Threats to Validity

### 6.4 Future Work

## BIBLIOGRAPHY

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## SOURCE CODE

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Where to find the source code . . . (if applicable)

# *APPENDIX* B

## RESEARCH DATA

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Where to find the research data . . . (if applicable)

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