

Masteroppgaven min

Et resultat av to års arbeid

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Thesis submitted for the degree of
Master of science in Informatikk: språkteknologi
30 credits

Institutt for informatikk
Faculty of mathematics and natural sciences

UNIVERSITY OF OSLO

Spring 2018

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Printed: Reprosentralen, University of Oslo

0.1 Summary

0.2 Foreword

I got nothing.

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Chapter 1

Introduction/Background ?

1.1 Target group

This thesis covers the deep technical aspects of big data analysis and genetic algorithms. All techniques used will be explained in detail, but it is advised to have a certain degree of technical insight before reading.

1.2 Area of research

Hadoop and MapReduce are already well established technologies employed in countless applications around the world. I propose a new method of implementing Hadoop clusters, with an out-of-the-box approach, meaning that this thesis purely covers the implementation aspect.

1.3 Personal motivation

The subject for this master thesis is a natural continuation of my previous work *Hadoop MapReduce Scheduling Paradigms*, published in 2017, in the 2nd IEEE International Conference on Cloud Computing and Big Data Analysis (ISSS-BDA 2017). Back then the topic was haphazardly picked from a list of eligible ones, but the more I read into it - the more I understood the incredible use cases for Hadoop within the massive industries that are driving forces for our technological advancements. It felt like an awakening when I realized the potential implications of future IoT, advanced data analysis and business intelligence.

1.4 Research method in brief

1.5 Structure of the report

Chapter 2

Related literature and theoretical focus

Chapter 3

Presentation of domain where technology is used

Chapter 4

Method

Chapter 5

Results

Chapter 6

Discussion

Chapter 7

Conclusion

Bibliography

- [1] Bollier, D., & Firestone, C. M. (2010). *The promise and peril of big data (p. 1)*. Washington, DC: Aspen Institute, Communications and Society Program.