



POLITECNICO DI TORINO

Master degree course in Computer Engineering

Master Degree Thesis

Time prediction of software development via machine learning

Artificial Intelligence applied to Software Engineering

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Summary

La pressione barometrica di Giove viene misurata mediante un metodo originale messo a punto dai candidati, che si basa sul rilevamento telescopico della pressione.

Acknowledgements

Un ringraziamento speciale ai cavalieri di Smirnuff, luce della mia battaglia.

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Chapter 1

Introduction

1.1 General Problem

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1.2 Tools used

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Chapter 2

Datasets

2.1 SEOSS33

2.2 San Francisco Bike Sharing

2.3 San Francisco Fire Department

Chapter 3

Machine Learning models

3.1 Random Forest

3.2 Neural Networks

Chapter 4

Forecasting

4.1 Goal introduction

4.2 Feature extraction

4.3 Models detail

4.4 Forecasting horizons

4.5 Feature application

4.6 Application over different projects

Chapter 5

Model abstraction

5.1 CommonDB

5.2 SFBS and literature comparisons

5.3 SFFD

Chapter 6

Conclusion

Bibliography

- [1] D. Adams, *Addio e grazie per tutto il pesce* Milano, Italia, Mondadori, 1995.
- [2] [Online]: <http://www.ILoveMisatoUntil.org/asm>