A Comparative Sales Forecast Study between Supervised and Unsupervised Learning Algorithm on Restaurant

A project paper submitted to the

MARA University of Technology

In partial fulfillment of a requirements for

Bachelor of Science (Hons) Intelligent System

Faculty of Information Technology and Quantitative Science

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25TH APRIL 2006

DECLARATION

I hereby declare that this research report together with all of its contents is no other than those of my work, except for some information taken and extracted from other sources that have been quoted respectively.

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26TH APRIL 2006   AZHAR BIN TAMBY

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ACKNOWLEDGEMENT

BISMILLAHIRRAHMANIRRAHIM

Praise to Allah the Almighty for providing me a superior knowledge throughout this period of study and for all that has bestowed on me. It is Allah's power the Research Title; "A comparative Study between Supervised and Unsupervised Learning Algorithm on Restaurant's Sales Forecast" is completed on the right time.

I would like to express a very special gratitude and thankfulness to my lecture Mr. Zaki Bin Zakaria who's giving me reliance and guidance that have profited me very much. She who is also gave lots of support in this knowledge quest.

I also would like to express appreciation to peoples, students, lecturers and friends, who help me in giving guidelines that, make me easy to complete this research. Thanks for your precious time, understanding and buttress. May Allah will reciprocate you for all those things.

Last but not least, my family. I would like to forward my obliged to them for their continuous support during my study period, their patience and benevolence. Thanks a lot and I love all of you.

WASSALAM

ABSTRACT

In this research, there are two algorithm of neural network will be used. It is coming from supervised and unsupervised learning algorithm. The Kohonen Self Organizing Map represents the unsupervised and Backpropagation represent the supervised. There will be a comparative study between these two algorithms with restaurant sales forecast as a scope. Some restaurant activities will be the input for the architecture to make a sales forecast. Each of the algorithm will used all the similar value including the learning rate in this research in order to make the comparison.