CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

Faculty of Economics and Management

Evaluation of the Diploma Thesis by Opponent

Thesis Title	**Artificial Intelligence methods for decision making**
Name of the student	**Mithun Bharadwaj Shivashankar, B.E.**
Thesis supervisor	**doc. Ing. Arnošt Veselý, CSc.**
Department	**Department of Information Engineering**
Opponent	**Ing. Richard Vágner**
Institution	**LKQ CZ s.r.o.**
Position	**Report Development & Automation Manager**

	1	2	3	4
Evidence of a logical process being used			**3**	
The structure of paragraphs and chapters		**2**		
Formal presentation of the work, the overall impression			**3**	
Formulation of objectives		**2**		
Choice of appropriate methods and methodology used			**3**	
Professional contribution of the work and its practical usage			**3**	
Work with data and information			**3**	
Work with scientific literature (quotations, norms)			**3**	
Clarity and professionalism of expression in the thesis			**3**	
Summary and key-words comply with the content of thesis		**2**		
Fulfillment of objectives			**3**	
Thesis topic and thesis significance (relevance)			**3**	
Theoretical background of an author			**3**	
Comprehensibility of the text and level of language			**3**	
Formulation of conclusions			**3**	

Evaluation of the work by grade (1, 2, 3, 4)	**3**

Evaluation: 1 = the best

Date   26/04/2022

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Signature of Opponent

Other comments or suggestions:

The diploma thesis dealing with the Artificial Intelligence methods for decision making is prepared incomprehensively with a very simple description of the theoretical part, without any information related to the methods that are used to support decision-making.
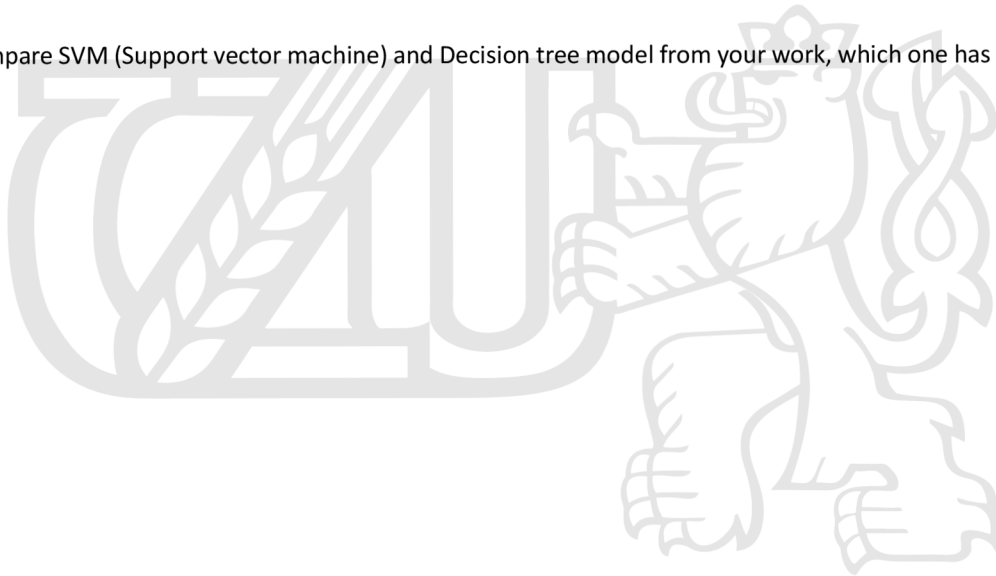
The diploma thesis meets the formal requirements. The graphic design is at a lower level and the work can be described too generally without a sufficient description of the results and the conclusion of the work.

Questions for thesis defence:

How do the neural networks learn? Is it possible to shorten or even stop the learning process?

What is the Difference Between CNN (convolutional neural network) and RNN (recurrent neural network)?

If you compare SVM (Support vector machine) and Decision tree model from your work, which one has better results and why?

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