

I. IDENTIFICATION DATA

Thesis title:	Machine learning in combat sports
Author's name:	Mikoláš Bartoš
Type of thesis :	bachelor
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Science
Thesis reviewer:	Ing. Matej Uhrín
Reviewer's department:	Department of Computer Science

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	challenging
<i>How demanding was the assigned project?</i>	
The assignment includes data preprocessing, machine learning and portfolio optimization which all require significant research into topics not covered during bachelor's degree.	

Fulfilment of assignment	fulfilled
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
The author fulfilled all of the requirements without objection.	

Activity and independence when creating final thesis	A - excellent
<i>Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted and whether the student was well prepared for the consultations. Assess the student's ability to work independently.</i>	
The author worked systematically, independently and brought original ideas which were regularly consulted.	

Technical level	A - excellent
<i>Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?</i>	
The thesis is technically sound and all the steps are clearly explained in the text. The student applied expertise beyond his field of study.	

Formal level and language level, scope of thesis	A - excellent
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
The thesis is well organized and sufficiently extensive. The language is clear enough and understandable.	

Selection of sources, citation correctness	A - excellent
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	
The author extensively references earlier works on related topics in Chapter 2 and clearly distinguishes his own work and ideas in the following chapters. The citations used meet the standards.	

Additional commentary and evaluation (optional)
<i>Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.</i>



III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

Overall, the thesis is very well done. The source code is clean and can be used/extended in the future. The text clearly explains all the necessary steps from understanding the problem to solving it to the best of the student's abilities.

The grade that I award for the thesis is **A - excellent**

Date: **25.8.2021**

Signature:

A handwritten signature in blue ink, appearing to be 'D. V. V.', is written over the 'Signature:' label.