Tomas Bata University in Zlín
Faculty of Applied Informatics

SUPERVISOR´S EVALUATION OF THE MASTER´S THESIS

Student: Awotimehin Olasunkanmi Julius   **Supervisor:** prof. Ing. Roman Šenkeřík, Ph.D.

Study program: **Engineering Informatics**
Study course/Specialization: **Information Technologies**
Academic year: **2022/2023**

Master's Thesis topic: **Development of Ensemble Model for Heart Disease Diagnosis**

Evaluation:

Evaluation:
A – Best; F - Unsatisfactory

	A	B	C	D	E	F
1. Fulfilment of all points of the assignment	☒	☐	☐	☐	☐	☐
2. Suitability of chosen resolution methods	☒	☐	☐	☐	☐	☐
3. Division of work (chapters, subchapters, paragraphs)	☐	☒	☐	☐	☐	☐
4. Working with literature and citations	☐	☒	☐	☐	☐	☐
5. Level of linguistic elaboration	☐	☐	☒	☐	☐	☐
6. Formal level of work	☒	☐	☐	☐	☐	☐
7. Theoretical part elaboration quality	☒	☐	☐	☐	☐	☐
8. Practical part elaboration quality	☒	☐	☐	☐	☐	☐
9. Achieved results of the work	☒	☐	☐	☐	☐	☐
10. Contribution of the thesis and its exploitation	☒	☐	☐	☐	☐	☐
11. Cooperation of thesis author with the supervisor	☒	☐	☐	☐	☐	☐

Result of the plagiarism test:
The work was assessed in terms of plagiarism with the result 11% identity (in formal parts and in standard ML nomenclature). Work is not plagiarism.

Overall evaluation of the thesis:
The resulting mark is not the average of all of the abovementioned evaluations. The mark is awarded by the thesis supervisor according to their deliberations and the ECTS classification scale:
A – Excellent, B – Very good, C – Good, D – Satisfactory, E – Sufficient, F – Insufficient.
Grade F also means "I do not recommend this thesis for defence."

I recommend this diploma thesis for its defence and suggest the following evaluation:
A - Excellent.
In the case of an "F – Insufficient" grade, provide comments and the shortages of the thesis and the reasons for this assessment.

The thesis formally fulfils all the points of the assignment. The thesis presents a comprehensive overview of development of ensemble classification technique for a selected use case. A significant advantage is the literature search in the format of a journal publication. I have minor comments on the structure of the theoretical part - it should not go into so much detail and concepts and terminology of machine learning. There are also some formal errors and inaccuracies in the thesis, but overall the language level is at an acceptable level. The diploma thesis presents interesting results of a large-scale experiment, which would certainly be worth publishing further.

Date: 5. 6. 2023   Thesis Supervisor´s Signature: