



SUPERVISOR'S EVALUATION OF THE MASTER'S THESIS

Student: Bhusal Ujjwal

Supervisor: prof. Roman Senkerik

Study program: **Engineering Informatics**
 Study course/Specialization: **Information Technologies**
 Academic year: **2023/2024**

Master's Thesis topic: **Predictive modeling of patient health condition using machine learning**

Evaluation:

	A	B	C	D	E	F
	Evaluation: A – Best; F - Unsatisfactory					
1. Fulfilment of all points of the assignment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Suitability of chosen resolution methods	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Division of work (chapters, subchapters, paragraphs)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Working with literature and citations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Level of linguistic elaboration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Formal level of work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Theoretical part elaboration quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Practical part elaboration quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Achieved results of the work	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Contribution of the thesis and its exploitation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Cooperation of thesis author with the supervisor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Result of the plagiarism test:

The work was assessed in terms of plagiarism with the result max. 27% identity (python library), 4% fulltext. 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:
B - Very Good.
 In the case of an “F – Insufficient” grade, provide comments and the shortages of the thesis and the reasons for this assessment.

This is an interesting and successful master's thesis in the field of AI. I appreciate the student's effort to obtain real data and thus move the work itself into the realm of applied research. This is also one weakness of the thesis, where it was not possible to use comparisons of even more sophisticated models. The theoretical part is at a very high level. Some passages would deserve better language correction and formulation of conclusions.

Date: 24.5.2024

Thesis Supervisor's Signature: