## **CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE**

Faculty of Economics and Management

## **Evaluation of the Bachelor Thesis by Opponent**

T T.	CITY OF LIFE SCI	
Thesis Title	The importance of Big Data technologies for modern bus	
Name of the student	Victoria Polyakova	100
Thesis supervisor	Ing. Zuzana Pacáková, Ph.D.	12
Department	Department of Statistics	TIS PRICE
Opponent	Ing. Tomáš Hlavsa, Ph.D.	151
		/ / / /
Logical process being used		1 2 3 4
The structure of paragraphs and chapters		1 2 3 4
Formal presentation of the work, the overall impression		1 2 3 4
Formulation of objectives and Choice of appropriatemethods and methodology used		1 2 3 4
Work with data and information		1 2 3 4
Work with scientific literature (quotations, norms)		1 2 3 4
Clarity and professionalism of expression in the thesis		1 2 3 4
Summary and key-words comply with the content the thesis		1 2 3 4
Fulfillment of objectives, formulation of conclusions 9 0 6		1 2 3 4
Comprehensibility of the text and level of language		1 2 3 4
Evaluation of the work by grade (1, 2, 3, 4)		
		Evaluation: 1 - the hest

Evaluation: 1 = the best

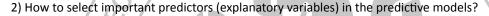
el. signed by Ing. Tomáš Hlavsa, Ph.D. on 02/05/2024 20:58 Signature of Opponent

## Other comments or suggestions:

The author showed relatively good work with the literature review and the ability to elaborate data by statistical methods. The thesis covers interesting topic that is elaborated from different perspectives. The structure of the paper does not fully respect the template for bachelor thesis, the first numbered chapter should be Introduction. The objective is not clearly defined, and it is more focused on "process". It is not clear what to find at the end of the thesis. Some aim of the analysis is specified on p. 23, this could be elaborated in Objectives. The methodology is also not clear because the clear objective is missing. In addition, the methodology should cover the explanation of the methods (including formulas). The formal presentation of the work is of a low quality, there is a different font used in the text, different size, the text is not justified. The sources below the pictures/tables are missing. I really appreciate the effort put in advanced methods used, and the author's comments and interpretations. Considering the overall quality, I recommend this thesis for defence and grade it as "good".

## Questions for thesis defence:

1) How to evaluate the quality of the predictive models? How to use the confusion matrix and what are its components?





el. signed by Ing. Tomáš Hlavsa, Ph.D. on 02/05/2024 20:58 Signature of Opponent