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Assessment Report UNIKG - No. 1

Contacts: Zoran Kalinic, University of Kragujevac, Serbia, zkalinic@kg.ac.rs
Vladimir Rankovic, University of Kragujevac, Serbia, vladimir.rankovich@gmail.com
Mirko Savic, University of Novi Sad, Serbia, mirkosavic69@gmail.com

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Abstract	This report is the Assessment Report UNIKG No. 1, i.e. the report of the students' assessment of the new master study courses, developed within ADA project. It presents the answers and the opinions of the first generation of the students, enrolled at new master study program Business Informatics (module Artificial Intelligence in Business) at the Faculty of Economics, University of Kragujevac.

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Assessment Report UNIKG No. 1

One of the acitivities and outcomes of the ADA project at UNIKG, by the project application, was to introduce new courses related to advanced data analytics to the existing master study programs at the Faculty of Economics, University of Kragujevac.

The project team at UNIKG introduced three completely new courses: Machine Learning; Artificial Intelligence; and Big Data Analytics, and innovated some exiting ones, by adding lectures related to advanced methods of data analysis. Two new courses (Machine Learning and Artificial Intelligence) were the basis of a new study module: Artificial Intelligence in Business, which is a specialization within a new master study program Business Informatics. The new one-year master study program and the new module were successfully accredited at the Faculty of Economics, University of Kragujevac in spring 2020., and the first generation of students was enrolled in October 2020.

As planned by the Quality and Assessment plan, the assessment i.e. the evaluation of the quality of new courses by the students (their attitudes and perceptions) should be organized at the end of the school year. Therefore, this Report presents the results of the students' assessment of the two new courses (since the third new course, Big Data Analytics was elective, due to a low number of students at this course it was not valid to perform survey), by the students of the **first** generation, in school year 2020/2021. The assessment was organized in October/November 2021, and it was organized online, using Google Forms and the questionnaire template, from the Quality and Assessment plan (Annex G).

The following Table presents the average grades to every statement of the questionnaire, for the both courses.

Statement	Machine Learning	Artificial Intelligence
The premises for lecturing were well equipped (video-projector, computers, etc.)	4.75	4.20
Course objectives are clearly defined.	4.75	4.60
The course is well structured.	4.75	4.60
Teaching materials (recommended readings, manuals, etc.) were clear and easy to read and they facilitate learning.	4.50	4.80
The course was supported with enough illustrations (examples, case studies, exercises, etc.).	4.00	4.60
I was informed of the grading and evaluation system before the exam (type of exam, duration, preparation, etc.).	5.00	5.00
Workload is appropriate in relation to the number of ECTS credits given to the course.	5.00	5.00
My thinking and discussions were stimulated.	5.00	4.80
The lectures were organized on time (according to the schedule).	5.00	5.00
The course is presented in an interesting and dynamic way.	4.75	4.00
The use of didactic material (slides, blackboard, films, etc.) helped me to understand the concepts that were taught.	4.75	4.20
The lecturer's oral expression is good (clarity, volume, tone, flow).	5.00	4.80
The lecturer shows interest in teaching.	5.00	4.80
The lecturer is readily available to answer your questions.	5.00	4.80
Guidelines for completing the assignments / additional activities are clearly stated.	5.00	4.80
Assignments / additional activities facilitate understanding of the concepts taught during the course.	5.00	4.80
The lectures of visiting lecturer were very useful.	4.75	4.00
I got the knowledge I had expected from this course.	4.50	4.40
I have made significant advances in learning in this course.	5.00	4.40
In general, I appreciate this course.	5.00	4.80
I would recommend this course to the others.	5.00	4.80
AVERAGE	**4.83**	**4.63**

As it can be seen from the Table, the students highly evaluated all statements (average grades were between 4.0 and 5.0, on a scale 1-5). The average grades for both courses were Exceptional (Machine Learning – 4.83, Artificial Intelligence – 4.63).

Generally, students liked both courses, and they stressed that the teachers were devoted to the students and lectures, that they have learn a lot, including a new programming language (Python), which was considered as one of the main benefits of these courses. There were no significant deficiencies and complains, and students generally suggested that there should be less theory and more practical examples, which would improve the perception of the course.