



Universiteti "Ukshin Hoti" Prizren
University "Ukshin Hoti" Prizren

CERTIFICATE

this is to certify that

Amir Ali

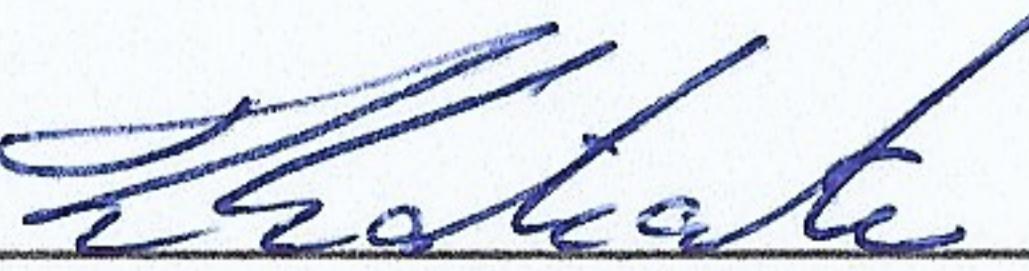
has successfully completed the following course

"DATA MINING FOR BUSINESS INTELLIGENCE: A CODING AND NON-CODING PERSPECTIVE"

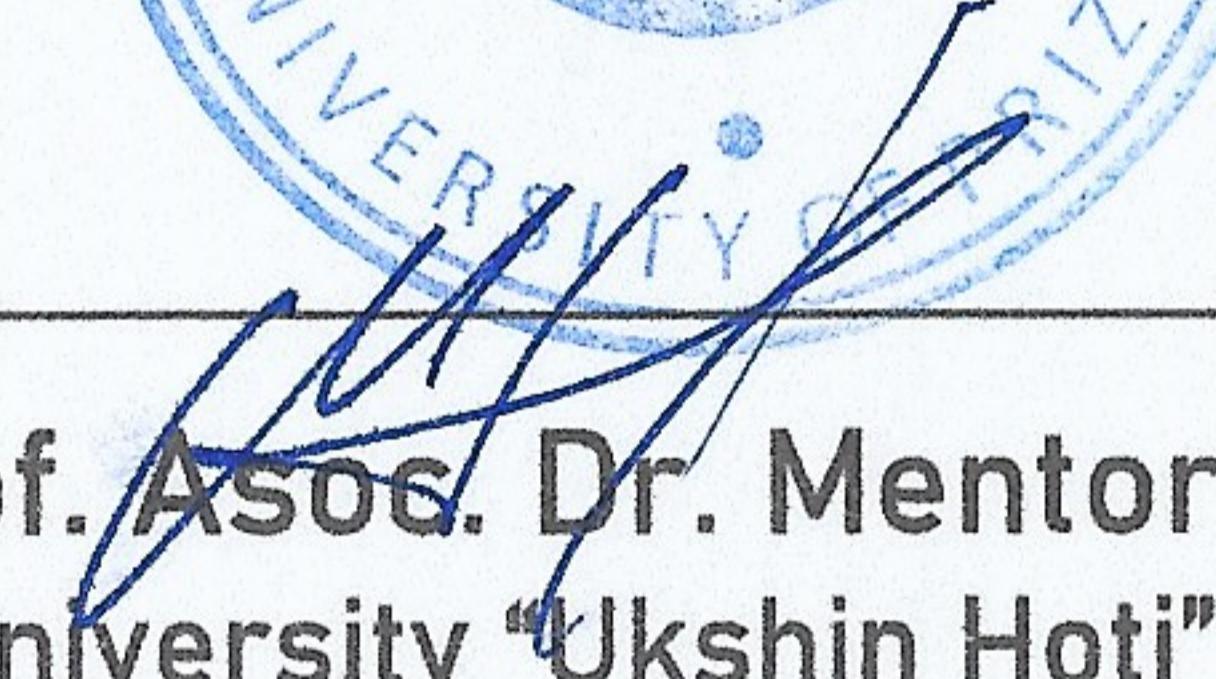
held at the University "Ukshin Hoti" Prizren

from 31 July 2023 to 11 August 2023

Grade: A | ECTS Credits: 4


Dr. Zenun Kastrati
Linnaeus University
Sweden
Course mentor


Ass. Endrit Fetahi
University "Ukshin Hoti" Prizren
Republic of Kosovo
Course co-mentor


Prof. Asoc. Dr. Mentor Alishani
University "Ukshin Hoti" Prizren
Republic of Kosovo
Rector



INTERNATIONAL
SUMMER SCHOOL

Course number: 001

Course title: Data Mining for Business Intelligence: A Coding and Non-Coding Perspective

Course mentor: Dr. Zenun Kastrati

Course co-mentor: Ass. Endrit Fetahi

1. Course description

The course aims to provide the students an understanding of the fundamental principles, concepts, and techniques of data mining and business intelligence from both coding and non-coding perspectives. Students will learn about data preparation and pre-processing, as well as various data mining techniques such as classification, clustering, and association rule mining. They will also be introduced to predictive modeling and evaluation, text mining and sentiment analysis, and non-coding tools for data mining and business intelligence. Through real-world cases and hands-on exercises, students will develop practical skills and knowledge that can be applied to solving real-world business problems. By the end of the course, students will have a solid foundation in data mining and business intelligence and will be equipped with the tools and techniques needed to analyse and extract insights from large and complex data sets.

2. Teaching methods

Lectures, hands-on exercises, discussions, course projects, homework, office hours (consultations) etc.

3. Learning outcomes

Upon successful completion of this course, participants will be able to:

1. Understand the basic principles and concepts of data mining and business intelligence.
2. Identify and apply appropriate data preparation and pre-processing techniques to handle large and complex data sets.
3. Analyse and interpret data using various data mining techniques such as classification, clustering, and association rule mining.
4. Develop predictive models and evaluate their accuracy using appropriate metrics.
5. Apply text mining and sentiment analysis techniques to analyse unstructured data.

4. ECTS credits / Student workload

International Summer School courses have 4 ECTS credits equals 25 student working hours.

Activity	No. of hours	No. of days	Hours activity
LECTURES	3	10	30
EXERCISES	1	10	10
FIELDWORK	0	0	0
READING	3	10	30
ASSIGNMENTS	2	5	10
EXAM PREP.	1.5	10	15
EXAM ASSESS.	2	3	6
TOTAL WORKLOAD			101

101:25=4.04 (round off) 4 ECTS credits