



ANALYSIS OF UNIVERSITY STUDENT'S SUCCESSES IN MINOR AND DOUBLE MAJOR UNDERGRADUATE PROGRAMS WITH DATA MINING

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Abstract

Data mining is a process used to reveal hidden information in data and transform data into codified information by using a combination of both statistical analysis techniques and artificial intelligence algorithm. Data mining, today, is used in many fields including education science. A number of Universities in our country provide undergraduate program students with chance of minor and double major undergraduate program in the same time. By this means, students can get minor or double major undergraduate program diploma from other fields while studying their major fields. The aim of this study is to seek for the successes of the students who study both their major field and minor or double major undergraduate program with the help of data mining program. For this purpose, successes of the students who study in various faculties and also continuing minor and double major undergraduate programs at Selçuk University or have already graduated put under scope by the help of the program WEKA. The results obtained and the proposals discussed are presented.

Key Words: Data mining, WEKA, Minor undergraduate program, Double major undergraduate program.