Course Syllabus

Code - Course Title	**YBS404U -**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	Prof. Dr. Fikret Er

Mode of Delivery	Open Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Recommended Resources	Data Mining
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Fundamentals of Data Mining	
Week - 2		R Software Environment	
Week - 3		Organization of Data	
Week - 4		Distance and Similarity Meausures	
Week - 5		Exercises for Midterm	
Week - 6		Exercises for Midterm	
Week - 7		Midterm exam	
Week - 8		Association Rules	
Week - 9		Decision Trees	
Week - 10		Cluster Analysis	
Week - 11		Cluster Analysis	
Week - 12		Exercises	
Week - 13		Exercises for final exam	
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Knows Data Mining
2	R software
3	Be able to use market basket analysis
4	Do analysis with Cluster Algorithms
5	Knows Web and Social Media Mining

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**