Course Syllabus

Code - Course Title	**SAY618 - Data Mining**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. FİKRET ER

Mode of Delivery	Distance Education
Prerequisites	None
Courses Recomended	None
Recommended Resources	Er, F. (Editör) (2016) \\\"Veri Madenciliği\\\", Anadolu Üniversitesi Yayınları, No:3399 R Core Team (2017). R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. URL https://www.R-project.org/.
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Fundamentals of Data Mining	
Week - 2		Fundamentals of Data Mining	
Week - 3		R Core Team (2017). R: A language and environment for statistical computing	
Week - 4		R Core Team (2017). R: A language and environment for statistical computing	
Week - 5		Organization of Data	
Week - 6		Exam (Homework)	
Week - 7		Similarity and Distance Measures	
Week - 8		Association Rules	
Week - 9		Decision Tree and related methods	
Week - 10		Cluster Analysis	
Week - 11		Cluster Analysis	
Week - 12		Web Mining	
Week - 13		Web Mining	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Exam (Homework)	

Learning Outcomes

#	Learning Outcome
1	knows how to use R
2	May organize data
3	Can identify the clusters in data

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.