MATHEMATICS (LM39)

(Lecce - Università degli Studi)

-	Teaching in italian DATA MINING	Course year 1
	Teaching	Language ENGLISH
GenCod A007116	SSD code ING-INF/05	Curriculum MATEMATICA PER L'INTELLIGENZA ARTIFICIALE
Owner professor MARCO PULIMENO	Reference course MATHEMATICS	
	Course type Laurea Magistrale	Location Lecce
	Credits 6.0	Semester Second Semester
	Teaching hours Front activity hours: 42.0	Exam type Oral
	For enrolled in 2022/2023	Assessment Final grade
	Taught in 2022/2023	Course timetable https://easyroom.unisalento.it/Orario
DESCRIPTION	nethodologies for discovering structure, patterns and ones) and making predictions. Applications of data minin	
	when they are done well, sometimes they even go un veb search work? How does Shazam recognize a song? isers? The principles of data mining provide answers t overlaps the fields of computer science, statistical ma sims at providing the students with the knowldedge available data in order to turn the data into valuable an instance, in order to facilitate a decision-making proces	noticed. For instance, how does the Googl How does Netflix recommend movies to it to these and others questions. Data mining chine learning and data bases. The course required to explore, analyze and leverage d actionable information for a company, for
REQUIREMENTS	veb search work? How does Shazam recognize a song? isers? The principles of data mining provide answers t overlaps the fields of computer science, statistical ma tims at providing the students with the knowldedge available data in order to turn the data into valuable an	noticed. For instance, how does the Google How does Netflix recommend movies to its to these and others questions. Data mining chine learning and data bases. The course required to explore, analyze and leverage d actionable information for a company, fo s.
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TEACHING METHODOLOGY

Frontal lessons using slides made available to students and classroom exercises



ASSESSMENT TYPE	Oral exam. During the exam the student is asked to illustrate theoretical topics in order to verify his/her knowledge and understanding of the selected topics. The student must demonstrate adequate knowledge and understanding of the issues presented or indicated, applying in a relevant manner the theories and conceptual models covered by the study programme.
REFERENCE TEXT BOOKS	Mining of Massive Datasets J. Leskovec, A. Rajaraman and J. Ullman Freely availableonline: http://www.mmds.org
	Data Mining and Analysis M. J. Zaki and W. Meira Freely available online: https://dataminingbook.info

