

[MNA003] DATA VISUALISATION

GENERAL INFORMATION

Studies	MASTER DEGREE IN DATA ANALYSIS, CYBERSECURITY AND CLOUD COMPUTING		Subject	Data Analysis
Semester	1	Course	1	Mention / Field of specialisation
Character	COMPULSORY		Language	CASTELLANO
Plan	2019	Modality	Adapted Face-to-face	
Credits	3	Hours/week	0	Total hours 33 class hours + 42 non-class hours = 75 total hours

PROFESSORS

BARREIRO BUEZO, UNAI

REQUIRED PREVIOUS KNOWLEDGE

Subjects	Knowledge
(No specific previous subjects required)	(No previous knowledge required)

SKILLS

VERIFICA SKILLS

SPECIFIC

MNCE05 - Designing, developing and implementing the model of data representation according to their nature and interpreting them to extract knowledge.

CROSS

MNCTR1 - Ability to work in multidisciplinary teams and in a multilingual environment (Basque/Spanish/English) and to communicate, both orally and in writing, knowledge, procedures, results and ideas related to the life cycle of the data, cybersecurity, and development and operations.

BASIC

M_CB8 - To be able to integrate different types of knowledge and make complex judgements based on information that, in spite of being partial or limited, includes ideas on the social and ethical responsibilities associated with the application of knowledge

CONTENTS

- Introduction to data visualization
- Data Visualization Libraries and Frameworks
- Visual Analytics
- Human-Computer Interaction and evaluation of Visual Analytics applications

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Subject notes	http://katalogoa.mondragon.edu/janium-bin/janium_login_opac_re_Ink.pl?grupo=MASTERDATUANALISIA11&ejecuta=15&
Topic related web quires	
Technical articles	