Goi Eskola Politeknikoa Escuela Politécnica

Studies		GENE						
Studies			ERAL IN	FORMATION				
oraulos		REE IN ARTIFICIAL		Subject	?			
Semester		Course 1		Mention / Field of				
	COMPULSORY			specialisation				
	2024	Modality Face	-to-face	Language	CASTELLANO			
Credits		Hours/week 0			33 class hours		iss hours :	= 75 tot
erouno	0			i otal noulo	hours			<u>- 10 (0</u>
			PROFE	SSORS				
REGUERA	BAKHACHE, DA	NIEL						
		REQUIRED	PREVI		GE			
Subjects					Know	-		
(Ne	o specific previou	s subjects required)		•	lo previous kno	wledge requ	ired)	
		LE	ARNING	RESULTS		//0		
ARNING RES		op the process of ingestir	na storina	and parallel processir	ng of data	KC SK	<u>AB</u> x	2,6
T122 - Possess	and understand	knowledge that provides	a basis or			x		0,4
elopment and	or application of	deas, often in a research	n context.					
							Total:	3
Knowledge or Co	ntent / SK: Skills / AB							
		SECONDA	ARY LEA	RNING RESULT	S			
	señar e impleme	ntar procesos automati	izados pai	ra la extracción, tran	nsformación y	carga de da	tos de fue	entes
eterogéneas		ntar procesos automati	izados pai	ra la extracción, tran	nsformación y CH	carga de da ncн	tos de fue Th	
eterogéneas	CTIVITIES				-	·		1
EARNING AC Development a projects/work endividually and	CTIVITIES and writing of reco experience/challer d/or in teams	rds, reports, presentation nges/case studies/experir	ns, audiovia mental inve	sual material, etc. on estigations carried out	<u>СН</u> 6 h.	лсн	Th 27	/ h.
EARNING AC Development a projects/work e ndividually and Conducting tes checkpoints	CTIVITIES and writing of reco experience/challer d/or in teams ts, giving present	rds, reports, presentation nges/case studies/experir ations, presenting defend	ns, audiovia mental inve ces, taking	sual material, etc. on estigations carried out examinations and/or	CH 6 h. t doing 2 h.	лсн	Th 27 2 r	/ h. 1.
EARNING AC Development a projects/work endividually and Conducting tes checkpoints Presentation b	CTIVITIES and writing of reco experience/challer d/or in teams ts, giving present	rds, reports, presentation nges/case studies/experir ations, presenting defenc ne classroom, in participa	ns, audiovia mental inve ces, taking	sual material, etc. on estigations carried out examinations and/or	<u>СН</u> 6 h.	лсн	Th 27	/ h. n.
EARNING AC Development a projects/work e ndividually and Conducting tes checkpoints Presentation b procedures ass	CTIVITIES and writing of reco experience/challer d/or in teams ats, giving present y the teacher in the sociated with the	rds, reports, presentation nges/case studies/experir ations, presenting defenc ne classroom, in participa	ns, audiovi: mental inve ces, taking tory classe	sual material, etc. on estigations carried out examinations and/or es, of concepts and	CH 6 h. t doing 2 h.	лсн	Th 27 2 r	/ h. n. h.
EARNING AC Development a projects/work endividually and Conducting tes checkpoints Presentation by procedures ass Carrying out ex	CTIVITIES and writing of recorrect experience/challed d/or in teams its, giving present y the teacher in the sociated with the kercises and solvi	rds, reports, presentation nges/case studies/experin ations, presenting defenc ne classroom, in participa subjects	ns, audiovia mental inve ces, taking tory classe and/or in te W	sual material, etc. on estigations carried out examinations and/or es, of concepts and	CH 6 h. doing 2 h. 20 h. 2 h.	<u>мсн</u> 21 h.	77 27 2 h 20	/ h. n. h.
EARNING AC Development a projects/work endividually and Conducting test checkpoints Presentation by procedures ass Carrying out ex EVALUATION Presentation and computer pract aboratory practor project, master	CTIVITIES and writing of reco experience/challer d/or in teams its, giving present y the teacher in the sociated with the sociated work, simulation sociated work, term p	rds, reports, presentation nges/case studies/experir ations, presenting defend subjects ng problems individually a ercises, case studies, ion practical work, rojects, end of degree ges and problems	ns, audiovia mental inve ces, taking tory classe and/or in te	sual material, etc. on estigations carried out examinations and/or es, of concepts and eams	CH 6 h. t doing 2 h. 20 h. 2 h. 2 h. ANISMS and/or oral tests	NCH 21 h. 14 h.	77 27 21 20 16	/ h. n. h.



Course: 2024 / 2025 - Course planning

Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems (No mechanisms)

CONTENTS

100%

Methods and techniques of information ingestion

Information storage technologies

CH - Class hours: 3 h. NCH - Non-class hours: 7 h. TH - Total hours: 10 h.

Design and implementation of information ingestion and storage flows

Learning resources

LEARNING RESOURCES AND BIBLIOGRAPHY

Subject notes Technical articles Bibliography Crickard, P. (2020). Data Engineering with Python: Work with massive datasets to design data models and automate data pipelines using Python. Packt Publishing Ltd.