п

38.03.02"

. . 20 2022 .

: 2022/2023 - 2025/2026

: 4

:

				-			
,							
1			1	2	3	4	
		239	60	59	60	60	,
	Data Culture	239	0	4	0	0	
1	Data Science	3	U	3	U	U	
2	Data Colorido						
	•	0		0			
3		0			0		
4	·	0		0			
5		1		1			
6		0		0			
7		0	0				
	Major	168	46	39	39	44	
		84	34	29	16	5	
		84	34	29	16	5	
1	•	3	3				
2		4			4		
3		5				5	
4		4			4		
5 6		5 4	5 4				
7		6	6				
8	: 21	4	4				
9	. 21	5	5				
10		4		4			
11		4		4			
12		3		3			
13		4		4			
14		4			4		
15		4	4				
16		4			4		
17		4		4			
18		6		6			
19		4		4			
20		3	3	40	00	00	
	4 (4 2)	84	12	10	23	39	
1	1 (1 3)	3	0	0	3	0	
2	(SPSS)	3			3 3		
	(5455)	ე ა	1		ر 3	1	

Python		R				I		T
	3	Puthon	3			3		
1 3 3 3 3 3 3 3 3 3		Fyllion 0.44 0.	0	0	0	0	0	
2	-	2 (1 3)	3	0	0	0		
3	1		3				3	
Second	2		3				3	
1	3		3				3	
2		3 (1 3)		0	0	0		
3			3				3	
	2	-	3				3	
	3		3				3	
1								
1		4 (1 3)	3	0	0	0	3	
2	1		3					
3	2		3				3	
Total	3						3	
1 4 4 4 7 7 7 7 7 7 7			72	12	10	20	30	
2	1		4				4	
3						4		
A	3		3			·	3	
S	4		5			5	<u> </u>	
6 4 4 4 4 4 4 4 4 4 4 4 4 8 8 Python 3 4 <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td></td> <td></td>						3		
7	6						1	
8						2	-	
9		Duthon			2	3		
10	0	Pytnon	<u> </u>		3	2		
11	9					3		
12	10		3					
13	11		5				5	
15	12						4	
15	13		6	6				
17	14				3			
17	15	-	4				4	
17	16	"SWOT- "	2	2				
19	17	" - "	3				3	
19	18	п	2		2			
20			2		_			
20	19	II II	2		2			
Minor		II II				2		
Minor	20		2					
Minor	21	II .	4	4				
Minor	-	II .	4	4				
Minor		Minor	20	0	10	10	0	
Company	1	Minor	20		10	10		
Column		·····	1	0	0	0	1	
1								
2 14 8 6 —			0	0	0	0	0	
2 14 8 6 —	1		2				2	
Image: control of the contro	2		1/1	Q	6			
1 (1) 0 0 0 0 0 2 0 0 0 1 0 3 Project Proposal 1 0 0 0 2 4 0 0 0 0 2 5 0 0 0 0 2 6 0 0 0 0 0 7 0 0 0 0 0 8 0 4 0 0 9 1 4 0 0 1 0 4 0 0 1 0 0 0 0			1 1	0	0	0	1	
2 0 0 1 3 Project Proposal 1 1 2 0 0 0 2 1 2 0 0 0 2 1 2 0 0 0 2 1 0 0 0 0 0 2 0 0 0 0 0 3 14 9 1 4 0 1 4 4 0 4 0 2 4 4 4 0 0 3 4 4 0 0 0 4 4 4 0 0 0 6 2 1 1 0 0				1	U	0	I	
2 0 0 0 1 3 Project Proposal 1 1 1 4 2 0 0 0 2 5 2 0 0 0 2 6 0 0 0 0 2 7 0 0 0 0 0 8 0 0 0 0 9 1 4 0 0 1 4 4 0 0 1 4 4 0 0 1 4 4 0 0 1 4 4 0 0 1 4 4 0 0 1 4 4 0 0 1 4 4 0 0 1 4 4 0 0 1 4 4 0 0	1	(1)	0	0				
3 Project Proposal 1								
2 0 0 0 2 1 2 0 0 0 2 0 0 0 0 0 14 9 1 4 0 12 8 0 4 0 1 4 4 4 0 2 4 4 0 0 3 4 4 0 0 1 0 0 0	2	Desirat Descript				0	4	
1 2 0 0 2 1 2 0 0 0 2 0 0 0 0 0 0 14 9 1 4 0 1 4 0 4 0 2 4 4 4 0 3 4 4 0 0 1 0 0 0	3	Project Proposal					1	
1 2 0 0 0 0 0 0 1 14 9 1 4 0 1 4 0 4 0 2 4 4 4 4 3 4 4 0 0 3 4 4 0 0 1 0 0 0								
0 0 0 0 0 14 9 1 4 0 12 8 0 4 0 1 4 4 4 0 2 4 4 0 0 3 4 4 0 0 2 1 1 0 0				0	0	0		
14 9 1 4 0 12 8 0 4 0 1 4 4 4 4 2 4 4 4 4 3 4 4 0 5 4 4 0 0 0	1		2					
12 8 0 4 0 1 4 4 4 4 2 4 4 4 0 3 4 4 0 0 2 1 1 0 0			0	0				
12 8 0 4 0 1 4 4 4 4 2 4 4 4 0 3 4 4 0 0 2 1 1 0 0			14	9	1	4	0	
1 4 4 2 4 4 3 4 4 2 1 1 0 0 0			12	8	0	4	0	
2 3 4 4 4 4 4 4 0 0			4			4		
3 4 4 0 2 1 1 0 0				4				
2 1 1 0 0	3		4	4	0			
	-					0	0	
	1						-	

2		1	0	1			
		30	5	5	7	13	
	-	11	0	0	0	11	
1		2				2	
2		9				9	
		17	5	5	5	2	
1	CSR	2				2	
2	:	5	5				
	SWOT-		-				
3	:	5			5		
4	:	5		5			
		2	0	0	2	0	
		2	0	0	2	0	
1		2			2	0	