01.03.04" "

2022 .

: 2022/2023 - 2025/2026

: 4

:

,							
1 1			1	2	3	4	– (
)
		240	60	60	60	60	
	Data Culture	4	0	0	4	0	
1		3			3		
2		0		0			
	•	•		Ĭ ,			
3		0			0		
		-					
4	·	0		0			
5	•	1			1		
6	·	0			0		
7		0	0				+
1	Major	168	53	46	37	32	
	iviajoi	115	44	40	23	8	
1		4	4	40	20		
2		15	6	9			
3		4	4				
4		4		4			
5		10	10				
6		18	13	5			
7		3			3		
8		4			4		
9		4		4			
10		6		6			
11		5			5		
12		5				5	
13		4		4			
14		4			4		
15		11	7	4	1		
16		7		4	3		
17		7			4	3	
18		0	0				
		53	9	6	14	24	
	(0 3)	25	0	0	4	21	
	1 (0 1)	25	0	0	4	21	
1	1 (0 1)	25			4	21	
	2 (0 1)	25	0	0	4	21	
1	- (0 .)	25			4	21	
	3 (0 1)	25	0	0	4	21	
1		25			4	21	
		13	3	3	4	3	

1	1	3	3				
2	2	3		3			
3	3	4			4		
4	ıı ıı	3		1	1	3	
	(0 1)	3	0	0	3	0	
1	(0 1)	3	0	0	3	0	
I		12	0	0	3	0	
	- /	12	6	3	3	0	
1	- "						
'	П	3		3			
		Ŭ					
2	"Python "	2	2				
-	Python	3	3				
3	" -	_					
3	II -	3			3		
	II .		1	+			
4		3	3				
		1					
	Minor	20	0	10	10	0	
1	Minor	20		10	10		
		1	0	0	0	1	
		0	0	0	0	0	
		0	0	0	0	0	
1		2				2	
2		14	8	6			
			0			4	
		1	0	0	0	1	
1	(1)	0	0				
	, ,						
2		0			0		
3	Project Proposal	1				1	
3	Project Proposal	1	0	0	0		
3	Project Proposal	1 3	0	0	0	3	
	Project Proposal	1 3 3	0	0	0	3 3	
1	Project Proposal	1 3 3 3	0	0	0	3 3 3	
	Project Proposal	1 3 3 3 14	5	0	0	3 3 3 8	
1	Project Proposal	1 3 3 3 14 12	0	0	0	3 3 3 8 8	
1	Project Proposal	1 3 3 3 14 12 4	5	0	0	3 3 3 8 8	
1 1 2	Project Proposal	1 3 3 3 14 12 4	5 4	0 1 0	0	3 3 3 8 8	
1	Project Proposal	1 3 3 3 14 12 4 4	5 4	0 1 0	0 0	3 3 3 8 8 4 4	
1 1 2	Project Proposal	1 3 3 3 14 12 4	5 4	0 1 0	0	3 3 3 8 8	
1 1 2	Project Proposal	1 3 3 3 14 12 4 4	0 5 4 1 1	0 1 0	0 0	3 3 3 8 8 4 4	
1 1 2 3	Project Proposal	1 3 3 3 14 12 4 4 4 2	0 5 4 1 1	0 1 0 0 1	0 0	3 3 3 8 8 4 4	
1 2 3	Project Proposal	1 3 3 3 14 12 4 4 4 2 1	0 5 4 1 1 0	0 1 0 0	0 0 0	3 3 3 8 8 8 4 4	
1 1 2 3		1 3 3 3 14 12 4 4 4 2 1 1 1 30	0 5 4 1 1 0 2	0 1 0 0 1 1 3	0 0 0	3 3 3 8 8 4 4 4	
1 2 3 1 2	Project Proposal	1 3 3 3 14 12 4 4 4 2 1 1 30	0 5 4 1 1 0	0 1 0 0	0 0 0	3 3 3 8 8 4 4 0	
1 1 2 3		1 3 3 3 14 12 4 4 4 2 1 1 1 30 13	0 5 4 1 1 0 2 0	0 1 0 0 1 1 1 3 0	0 0 0 0	3 3 3 8 8 4 4 4 0	
1 2 3 1 2	-	1 3 3 3 14 12 4 4 4 2 1 1 1 30 13 13	0 5 4 1 1 0 2	0 1 0 0 1 1 3	0 0 0 0	3 3 3 8 8 4 4 0	
1 1 2 3 1 2	-	1 3 3 3 14 12 4 4 4 2 1 1 30 13 13	0 5 4 1 1 0 2 0	0 1 0 0 1 1 1 3 0	0 0 0 0	3 3 3 8 8 4 4 4 0	
1 2 3 1 2 1 1 2	- 3	1 3 3 3 14 12 4 4 4 2 1 1 1 30 13 13 10 5	0 5 4 1 1 0 2 0	0 1 0 0 1 1 1 3 0	0 0 0 0	3 3 3 8 8 4 4 4 0	
1 2 3 1 2 1 1 2	- 3	1 3 3 3 14 12 4 4 4 2 1 1 1 30 13 13 10 5	0 5 4 4 1 1 0 2 0 2	0 1 0 0 1 1 3 0	0 0 0 0 0 9 0 5 5	3 3 8 8 8 4 4 4 0 0	
1 2 3 1 2 1 1	-	1 3 3 3 14 12 4 4 4 2 1 1 30 13 13	0 5 4 4 1 1 0 2 0 2	0 1 0 0 1 1 3 0	0 0 0 0 0 9 0 5 5	3 3 8 8 8 4 4 4 0 0	
1 2 3 1 2 1 1 2 3	- 3	1 3 3 3 14 12 4 4 4 2 1 1 1 1 30 13 13 10 5 2	0 5 4 1 1 0 2 0	0 1 0 0 1 1 1 3 0	0 0 0 0	3 3 8 8 8 4 4 4 0 0	
1 2 3 1 2 1 1 2	- 3	1 3 3 3 14 12 4 4 4 2 1 1 1 30 13 13 10 5	0 5 4 4 1 1 0 2 0 2	0 1 0 0 1 1 3 0	0 0 0 0 0 9 0 5 5	3 3 8 8 8 4 4 4 0 0	