

38.03.01 "

30 2022 .

: 2022/2023 - 2025/2026

: 4

:

:

/ ,							( )
			1	2	3	4	
		240	60	60	60	60	
	Data Culture	9	8	0	1	0	
	(1 2)	4	4	0	0	0	
1		4	4				
2		4	4				
		4	4	0	0	0	
1	Python	4	4				
		1	0	0	1	0	
1		0		0			
2		0		0			
3		0		0			
4		1			1		
5		0	0				
6		0	0				
	Major	163	28	45	46	44	
		77	28	27	22	0	
1		7		7			
2		3		3			
3	1	5		5			
4	2	7			7		
5		8	8				
6	1	5		5			
7	2	7			7		
8		6	6				
9		6	6				
10		7		7			
11		8	8				
12		8			8		
	(0 7)	86	0	18	24	44	
	1-2 (1 2)	4	0	0	0	4	
1		4				4	
2		4				4	
	" "	82	0	18	24	40	
	" (1 2)	10	0	0	0	10	
1		10				10	
2		10				10	

	"	64	0	18	16	30	
1		10				10	
2		8			8		
3		8		8			
4		10		10			
5		10				10	
6		10				10	
7		8			8		
	" (0 2)	8	0	0	8	0	
	" (0 2)	8	0	0	8	0	
1		8			8		
2		8			8		
	"	8	0	0	8	0	
	" (0 3)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
	" (0 2)	4	0	0	4	0	
1		4			4		
2		4			4		
	" "	82	0	18	24	40	
	" (1 2)	10	0	0	0	10	
1		10				10	
2		10				10	
	" "	72	0	18	24	30	
1		10				10	
2		8		8			
3		10		10			
4		8			8		
5		8			8		
6		8			8		
7		10				10	
8		10				10	
	" " "	82	0	18	24	40	
	2) " (1	4	0	0	4	0	
1		4			4		
2		4			4		
	2) " (1	4	0	0	4	0	
1		4			4		
2		4			4		
	2) " (1	8	0	8	0	0	
1		8		8			
2		8		8			
	3) " (2	16	0	0	16	0	
1		8			8		
2		8			8		
3		8			8		
	2) " (1	10	0	0	0	10	
1		10				10	

2		10				10	
	" "	40	0	10	0	30	
1		10		10			
2		10				10	
3		10				10	
4		10				10	
	" "	82	0	18	24	40	
	" (1 5)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		5			5		
	" (3 4)	30	0	0	0	30	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
	" (1 2)	8	0	8	0	0	
1		8		8			
2		8		8			
	" "	40	0	10	20	10	
1		8			8		
2		10		10			
3		4			4		
4		4			4		
5		4			4		
6		5				5	
7		5				5	
	" "	82	0	18	24	40	
	" (1 2)	4	0	0	4	0	
1		4			4		
2		4			4		
	" (1 2)	8	0	0	8	0	
1		8			8		
2		8			8		
	" (1 2)	4	0	0	4	0	
1		4			4		
2		4			4		
	" (2 3)	20	0	0	0	20	
1		10				10	
2		10				10	
3		10				10	
	" (1 2)	10	0	0	0	10	
1		10				10	
2		10				10	
	" "	36	0	18	8	10	
1		8		8			
2		10		10			
3		10				10	

4		8			8		
	" "	82	0	18	44	20	
	" (1 2)	4	0	0	4	0	
1		4			4		
2		4			4		
	" (0 2)	8	0	8	0	0	
1		8		8			
2		8		8			
	" (2 3)	20	0	0	20	0	
1		10				10	
2		10				10	
3		10				10	
	" (0 2)	4	0	0	4	0	
1		4			4		
2		4			4		
	" (0 2)	8	0	0	8	0	
1		8			8		
2		8			8		
	" "	38	0	10	8	20	
1		10				10	
2		10		10			
3		10				10	
4		8			8		
	Minor	20	17	3	0	0	
1		17	17				
2	:	3		3			
	(0 1)	1	0	0	1	0	
	(0 1)	0	0	0	0	0	
1		1			1		
		3	0	0	0	3	
		3	0	0	0	3	
1		3				3	
		0	0	0	0	0	
		14	7	7	0	0	
		12	6	6	0	0	
	1 (1 2)	6	6	0	0	0	
1		6	6				
2		6	6				
	2 3-4 (1 3)	3	0	3	0	0	
1		3		3			
2		3		3			
3		3		3			
	2 (1-2 )	3	0	3	0	0	
1	1	3		3			
		2	1	1	0	0	
1		1	1				
2		1	0	1			
		30	0	5	12	13	
	-	13	0	0	0	13	
1		13				13	
		5	0	5	0	0	
1		5		5			
		12	0	0	12	0	
1		7			7		

2	3	5			5		
---	---	---	--	--	---	--	--