ii ii

46.03.01 " " "

06 2021 .

: 2021/2022 - 2025/2026 : 5

:

:

Ι, Data Culture Python Major (1 4) IV-XV XVI-XVIII XX C XIX-XX (1 3) (1 4) (1 3)

3	3	:	3			3			
1						3			
1		(4 4)	,	•		•	•		
2		(1 4)		0	0	0	0		
3									
4	2								
(1 2)	3		4					4	
1	4		4					4	
Company		(1 2)		0	0	0		0	
(1 3)			4				4		
1	2		4				4		
1									
2		(1 3)		0	0	0	0	4	
3									
(1 4)	2								
1 -1 4 2 4 3 4 4 4 <	3								
2		(1 4)		0	0	0	0		
3	1	<u> </u>						4	
4	2								
1 3 0 3 0 0 0 2 2 3 3 3 3 3 3 3 1 (1 2)(0·1 2) 3 3 0 0 0 0 1 3 3 3 0 0 0 0 1 - 3 3 0 0 0 0 1 - 3 3 0 0 0 0 1 - (2)(1 4) 3 0 3 0 0 0 1 - (2)(1 4) 3 3 3 0 0 0 0 2 XVII-XIX , , , , , , , , , , , , , , , , ,	3		4						
1	4		4						
2		(1 3)		0		0	0	0	
3 3 3 0 0 0 0 0 0 1 1 2 3 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1		3						
1	2	2							
1	3		3		3				
2		(1 2) (0 - 1 2)		3	0	0	0	0	
1 - (2)(1 4) 3 0 0 0 0 0 0 1 1 - (2)(1 4) 3 0 3 0 0 0 0 0 0 1 1 - (3) 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1								
1	2								
- (2)(14) 3 0 3 0 0 0 0 1 1 - (2)(14) 3 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		•			0	0	0	0	
- (2)(14) 3 0 3 0 0 0 0 1 1 - (2)(14) 3 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	- "	3	3					
1									
2 XVII-XIX :: , , , " 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		- (2) (1 4)	3	0	3	0	0	0	
2 XVII-XIX :: , , , " 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3									
2 XVII-XIX :: , , , " 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	- II	3		3				
2 XVII-XIX .: , , ,									
3 - "(() 3 3 3 3 4 0 4 0 0 0 0 4 0 0 0 0 0 0 0 0	2	- "							
3 -		XVII-XIX .: , , "	3		3				
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		- "()	_						
4	"	**	3		3				
3 3 3 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0		- «							
- (4) 4 0 0 0 4 0 - (5) 5 0 0 0 0 5 5 1 12 12 12 12 12 12 13 13 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4		2		_				
- (5) 5 0 0 0 0 5 59 16 7 3 21 12 1 4 4 4 2 3 4 4	1 1	»	3		3				
- (5) 5 0 0 0 0 5 59 16 7 3 21 12 1 4 4 4 2 3 4 4		- (4)	4	0	0	0	4	0	
59 16 7 3 21 12 1 4 4 4 2 4 4 4 3 4 4 4		- (5)				0		5	
1 4 4 2 4 4 3 4 4		(5)	59	16	7	3	21		
2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1		4					4	
3 4 4				4					
	3			·			4		
	4		3		3				
5 3 3	5		3			3			
6 4 4	6		4				4		
7 4 4							4		
8 4 4	8		4	4					
					4				
		,	4		4				
10 4 4	10		4					4	
	11		4					4	
	12		3	3					
12 3 3 3	13						4		
12 3 3 3 4 4 4 4	14								
12 3 3 13 4 4	15		5	5					
12 3 3 13 4 4 14 5 5 15 5 5		:			6	15	0	0	
12 3 3 13 4 4 14 5 5 15 5 5	1							-	
12 3 3 13 4 4 14 5 5 15 5 5 : 21 0 6 15 0 0					0				
12 3 3 13 4 4 14 5 5 15 5 5 : 21 0 6 15 0 0 1 18 6 12 0	'			†		2			
12 3 3 13 4 4 14 5 5 15 5 5 1 21 0 6 15 0 0 1 18 6 12 0 2 - 3 3 3 3		- 3	3						
12 3 3 13 4 4 14 5 5 15 5 5 1 21 0 6 15 0 0 1 18 6 12 0 0 Minor 20 0 10 10 0 0		Minor	20	0		10	0	0	
12 3 3 13 4 4 14 5 5 15 5 5 1 21 0 6 15 0 0 1 18 6 12 0 2 - 3 3 3 3	2	Minor	20 20		10	10 10			

		0	0	0	0	0	0	
1		2					2	
2		14	8	6			_	
		1	0	0	0	0	1	
1	(1)	0	0					
2		0			0			
3	Project Proposal	1					1	
		3	0	0	0	0	3	
	(0 1)	3	0	0	0	0	3	
1	,	3					3	
	(0 2)	14	1	5	0	8	0	
		12	0	4	0	8	0	
1		4				4		
2		4		4				
3		4				4		
	(0 2)	2	1	1	0	0	0	
1	,	1	1					
2		1	0	1				
		50	5	9	8	9	19	
		32	5	5	5	5	12	
1		12					12	
2		20	5	5	5	5		
		4	0	0	0	0	4	
1		4					4	
		14	0	4	3	4	3	
1		4		4	0			
2		3			3	0		
3		4				4	0	
4		3					3	
						4		