

45.03.02 "

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		240	60	60	60	60	
	Data Culture (0 13)	7	3	4	0	0	
1	.	0		0			
2	.	0			0		
3	.	0		0			
4		3	3				
5	(Data Culture)	3	3				
6	.	0	0				
7	.	0	0				
8	.	1		1			
9	.	1		1			
10		0	0				
11		0	0				
12	Python	3		3			
13	Python	3		3			
	Major	159	48	38	36	37	
		98	36	31	17	14	
	(4 6)	12	3	6	3	0	
1	( , , )	3		3			
2	( , , )	3		3			
3		3	3				
4		3	3				
5	( , )	3			3		
6	( , )	3		3			
	(2 24)	57	16	13	14	14	
1	( )	28			14	14	
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3	(	28			14	14	
4	)	28			14	14	
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7	)	28			14	14	
8	( )	28			14	14	
9	(	29	16	13			
10	)	29	16	13			
11	( )	29	16	13			
12	(	29	16	13			
13	)	16	16				
14	(	16	16				
15	)	29	16	13			
16	( )	16	16				
17	(	29	16	13			
18	)	29	16	13			
19	( )	29	16	13			
20	(	29	16	13			
21	)	28			14	14	
22	(	28			14	14	
23	)	28			14	14	
24	( )	28			14	14	
	( )	29	17	12	0	0	
1	:	25	17	8			
2	( )	4		4			
	(0 12)	61	12	7	19	23	
	1 (2 5)	6	6	0	0	0	
1		3	3				
2		3	3				
3		3	3				
4		3	3				
5		3	3				
	2 (1 5)	3	0	3	0	0	
1		3		3			
2		3		3			
3		3		3			
4	,	3		3			

5		3		3			
	3 (1 5)	5	0	0	5	0	
1		5			5		
2		5			5		
3		5			5		
4		5			5		
5		5			5		
	4 (2 9)	10	0	0	0	10	
1	Excel	5				5	
2		5				5	
3	-	5				5	
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7		5				5	
8	( - ) ,	5				5	
9		5				5	
	1 (2 16)	6	6	0	0	0	
1		3	3				
2	, , :	3	3				
3		3	3				
4		3	3				
5	" - "	3	3				
6	" - "	3	3				
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9	- :	3	3				
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11		3	3				
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13	( ) ,	3	3				
14		3	3				
15	-2	3	3				
16	:	3	3				
	2	4	0	4	0	0	
1	" - "	4		4			
	3 (1 2)	5	0	0	5	0	
1	- " "	5			5		
2	- " "	5			5		

	4 (2 7)	8	0	0	0	8	
1	- " "	3				3	
2	- " "	3				3	
3	- " "	5				5	
4	" - " "	3				3	
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6	- " 20-21 )" (	3				3	
7	- " "	3				3	
	" "	14	0	0	9	5	
1		5			5		
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3		4			4		
	" "	14	0	0	9	5	
1		5				5	
2	-	4			4		
3		5			5		
	" "	14	0	0	9	5	
1		4			4		
2	:	5			5		
3	:	5				5	
	" "	14	0	0	9	5	
1		9			9		
2		5				5	
	Minor	20	0	10	10	0	
1	Minor	20		10	10		
		1	0	0	0	1	
		0	0	0	0	0	
1		1				1	
2		14	8	6			
		1	0	0	0	1	
1	(1 )	0	0				
2		0			0		
3	Project Proposal	1				1	
		9	0	0	0	9	
		4	0	0	0	4	
1		4				4	
		5	0	0	0	5	
1		5				5	
		14	9	5	0	0	
	(0 5)	12	8	4	0	0	
1		4		4			
2		4		4			
3		4	4				

4		4	4				
5		4	4	0			
		2	1	1	0	0	
1		1	1				
2		1	0	1			
		30	0	3	14	13	
	-	8	0	0	0	8	
1		8				8	
		13	0	0	8	5	
1		5				5	
2		4			4		
3		4			4		
		9	0	3	6	0	
1		3		3			
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