

38.03.01 "

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/ ,							()
			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		1			1		
2		0	0				
3		0	0				
	Major	143	28	35	36	44	
		73	28	25	20	0	
1		6		6			
2		3		3			
3	1	5		5			
4	2	6			6		
5		8	8				
6	1	5		5			
7	2	6			6		
8		6	6				
9		6	6				
10		6		6			
11		8	8				
12		8			8		
	(0 8)	70	0	10	16	44	
		66	0	10	0	30	
	(1 3)	4	0	0	0	0	
1		4			4		
2		4			4		
3		4			4		
	(0 5)	10	0	0	0	0	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
5		10				10	
	(1 6)	4	0	0	0	0	
1		4			4		
2		4			4		
3		4			4		

4		4			4		
5		4			4		
6		4			4		
	(0 4)	8	0	0	0	0	
1		8			8		
2		8			8		
3		8			8		
4		8			8		
		40	0	10	0	30	
1		5		5			
2		5		5			
3		10				10	
4		10				10	
5		10				10	
	1-2 (1 7)	4	0	0	0	4	
1		4				4	
2		4				4	
3		4				4	
4		4				4	
5		4				4	
6		4				4	
7		4				4	
	" "	66	0	10	16	40	
	" (1 3)	10	0	0	0	10	
1		10				10	
2		10				10	
3		10				10	
	" "	56	0	10	16	30	
1		10				10	
2		8			8		
3		5		5			
4		5		5			
5		10				10	
6		10				10	
7		8			8		
	" "	66	0	10	16	40	
	" (1 2)	10	0	0	0	10	
1		10				10	
2		10				10	
	" "	56	0	10	16	30	
1		10				10	
2		5		5			
3		5		5			
4		4			4		
5		4			4		
6		8			8		
7		10				10	
8		10				10	
	" " "	58	0	10	24	40	
	3) " (1	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
	6) " (1	4	0	0	4	0	
1		4			4		

2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	5) " "(1	10	0	0	0	10	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
5		10				10	
	4) " "(1	0	0	0	16	0	
1		8			8		
2		8			8		
3		8			8		
4		8			8		
	" "	40	0	10	0	30	
1		5		5			
2		5		5			
3		10				10	
4		10				10	
5		10				10	
	" "(0 3)	66	0	10	16	40	
	" (1 5)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
	" (3 4)	30	0	0	0	30	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
	" "	32	0	10	12	10	
1		4			4		
2		4			4		
3		10		10			
4		4			4		
5		6				6	
6		4				4	
	" "	66	0	10	16	40	
	" (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	
	" (1 3)	8	0	0	8	0	
1		8			8		
2		8			8		

3		8			8		
	" (1 6)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	" (1 4)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
	"	20	0	10	0	10	
1		10		10			
2		10				10	
	" (0 5)	26	0	10	16	0	
	" (2 7)	20	0	0	0	20	
1		10				10	
2		10				10	
3		10				10	
4		10				10	
5		10				10	
6		10				10	
7		10				10	
	" (0 4)	8	0	0	8	0	
1		8			8		
2		8			8		
3		8			8		
4		8			8		
	" (1 6)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
5		4			4		
6		4			4		
	" (0 4)	4	0	0	4	0	
1		4			4		
2		4			4		
3		4			4		
4		4			4		
	"	38	0	10	8	20	
1		5		5			
2		10				10	
3		5		5			
4		10				10	
5		8			8		
	Minor (0 5)	20	0	10	10	0	
	" (0 2)	20	0	0	0	0	
	" - " (0 3)	20	0	10	10	0	
1	1	5		5			
2	2	5		5			
3		10			10		

	" (0 4)	20	0	10	10	0	
1		5		5			
2	2	5		5			
3		5			5		
4		5			5		
	" (0 1)	20	0	10	10	0	
	" (0 3)	20	0	10	10	0	
1		10			10		
2	1	5		5			
3	2	5		5			
	" (0 1)	20	0	10	10	0	
	" (0 4)	20	0	10	10	0	
1	1	5		5			
2	2	5		5			
3	1	5			5		
4	2	5			5		
	" : " " , " (0 1)	20	0	10	10	0	
	" (0 4)	20	0	10	10	0	
1		5		5			
2		5		5			
3		5			5		
4		5			5		
	(0 1)	20	0	10	10	0	
1		20		10	10		
		21	17	3	1	0	
		20	17	3	0	0	
1		17	17				
2	:	3		3			
	(0 1)	1	0	0	1	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	
	2 1-2 (1 3)	3	0	3	0	0	
1		3		3			
2	1	3		3			
3		3		3			
	2 3-4 (1 3)	3	0	3	0	0	
1		3		3			
2		3		3			
3	2	3		3			
	1	6	6	0	0	0	
1		4	4				
2		2	2				
		2	1	1	0	0	
1		1	1				
2		1	0	1			
		30	0	5	12	13	
	-	13	0	0	0	13	
1	-	6				6	
2		7				7	
		5	0	5	0	0	
1		5		5			

		12	0	0	12	0	
1		6			6		
2	3	6			6		