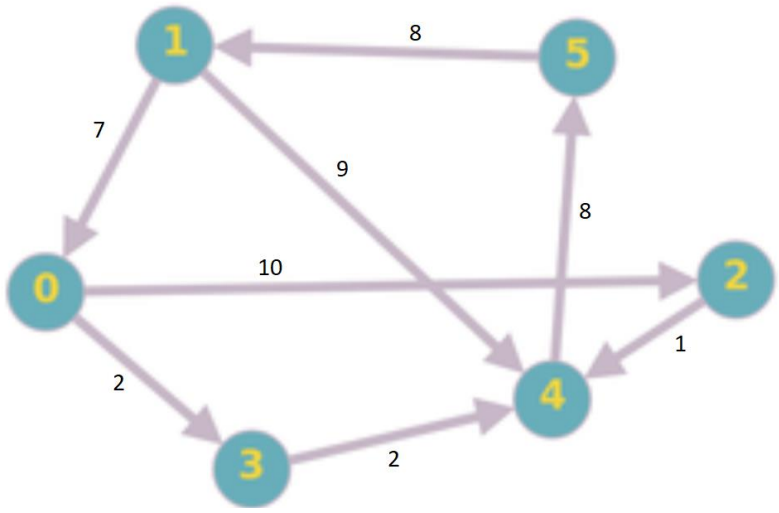

D_in	D_out	D_cost
0 [1]	0 [2,3]	(0,2) : 10
1 [5]	1 [0,4]	(0,3) : 2
2 [0]	2 [4]	(1,0) : 7
3 [0]	3 [4]	(1,4) : 9
4 [1, 2, 3]	4 [5]	(2,4) : 1
5 [4]	5 [1]	(3,4) : 2
		(4,5) : 8
		(5,1) : 8

The representation using dictionaries is extremely fast (especially when using separate dictionaries for inbound and outbound)

Memory: $\Theta(n+m)$

Test edge: $O(deg(x))$

Parse neighbours: $\Theta(deg(x))$

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