BI 1	query	BI / read / 20
BI 2	title	Recruitment
BI 3		
BI 4		
BI 5	pattern	
BI 6		
BI 7		
BI 8		
BI 9		

BI 10		Given a Company company and a Person person2 (who is known to be working at another Company), find a different Person (person1) who works in company and is reachable by from person2 through people who have studied together. On this path, we only consider edges between Persons who know each other and attended the same university and set the weight of the edge to the absolute difference between the year of enrolment plus 1 (studyAt.classYear + 1). We return the 20 shortest paths.
BI 11		
BI 12		
BI 13	desc.	
BI 14		
BI 15		
BI 16		If there are multiple Person person1 nodes with the same shortest path, return all of them.

BI 17	params	1	company	Long String	Companies with a similar number of employees (former or current) are selected
BI 18					
BI 19		2	person2Id	ID	
BI 20					

result	1	person1.id	ID	R
	2	totalWeight	64-bit Integer	C

sort	1	totalWeight	↑
	2	person1.id	↑

limit	20
CPs	3.3, 7.6, 7.7, 8.4, 8.6
relevance	Implementations can either pre-compute edge weights or compute them on-the-fly. To find a weighted shortest path efficiently, implementations can use e.g. a bidirectional Dijkstra algorithm.