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BI 1	query	BI / read / 6
BI 2	title	Most authoritative users on a given topic
BI 3 BI 4 BI 5 BI 6 BI 7 BI 8 BI 9 BI 10 BI 11	pattern	Tag person: Person id p2: Person hasCreator message1:Message wopt> likes person.authorityScore = sum(p2.popularityScore) p2: Person Compute p2.popularityScore p2: Person hasCreator message2:Message wopt> likes p2.popularityScore = count(p3) p3: Person
BI 12 BI 13 BI 14 BI 15 BI 16 BI 17 BI 18 BI 19	desc.	Given a Tag (tag), find all Persons (person) that ever created a Message with the Tag. For each of these Persons (person) compute their "authority score" as follows: • The "authority score" is the sum of "popularity scores" of the Persons (p2) that liked any of that Person's Messages with the given Tag (same criterion as for message1). • A Person's (p2) "popularity score" is defined as the total number of likes on all of their Messages (message2).
BI 20	params	1 tag Long String Tags with a similar amount of Messages are selected
	result	1 person.id ID R 2 authorityScore 32-bit Integer A
	sort	1 authorityScore ↓ 2 person1.id ↑
	limit	100
	CPs	1.2, 2.3, 3.3, 6.1, 8.2
	relevance	Computing the authority scores might involve computing the popularity score for the same Person multiple times. Implementations are advised to avoid such redundant computations.