BI / read / 2

BI 1		
BI 2	query	BI / read / 2
BI 3	title	Tag evolution
BI 4		
BI 5		
BI 6		
BI 7		
BI 8	pattern	
BI 9		
BI 10		
BI 11		
BI 12		
BI 13		

BI 14	desc.	Find the Tags under a given TagClass that were used in Messages during in the 100-day period starting at date and compare it with the 100-day period that follows. For the Tags and for both months, compute the count of Messages.
BI 15		
BI 16		

pattern

- TagClass — name = $tagClass
- hasType → tag: Tag — name
- «opt» hasTag
- countWindow1 = count(message) — message: Message — creationDate in [$date, $date+100 days)
- countWindow2 = count(message) — message: Message — creationDate in [$date+100 days, $date+200 days)

params

1	date	Date	
2	tagClass	Long String	TagClasses with a similar amount of Messages are selected

result

1	tag.name	Long String	R	
2	countWindow1	32-bit Integer	A	Occurrences of the tagClass during the first time window
3	countWindow2	32-bit Integer	A	Occurrences of the tagClass during the second time window
4	diff	32-bit Integer	A	Absolute difference of countWindow1 and countWindow2

sort

1	diff	↓	
2	tag.name	↑	

limit

100

CPs

2.4, 3.1, 3.2, 4.1, 4.2, 4.3, 5.3, 6.1, 8.2, 8.5