а) Исполнитель с максимальным числом скробблов:



b) Самый популярный тэг на ластфм



с) Самые популярные исполнители 10 самых популярных тегов ластфм

Вариант 1 (brute force)

Query History

```
SELECT artist_lastfm FROM

(WITH tags_table as

(SELECT tags, COUNT(tag) AS num_of_tag FROM mytable

(WITH tags_table as

(SELECT tags, COUNT(tag) AS num_of_tag FROM mytable

LATERAL VIEW EXPLODE(SPLIT(LOWER(tags_lastfm), '; ')) tmpTable AS tag

WHERE tag != '' GROUP BY tag ORDER BY num_of_tag DESC LIMIT 10)

SELECT artist_lastfm, scrobbles_lastfm FROM

(SELECT artist_lastfm, scrobbles_lastfm, tags_FROM mytable

LATERAL VIEW EXPLODE(SPLIT(LOWER(tags_lastfm), '; ')) tags_lastfm AS tags

WHERE tags_IN (SELECT tag FROM tags_table)

GROUP BY artist_lastfm, scrobbles_lastfm

DESC_LIMIT_10) t;
```

2021 TO 14 07.04.22 Dump the Side table for tag. I with group count. To into file, file./tmp/foot/oo/about obse 450a bodd 44//ooa22510/filve_20 $21-10-14_09-54-12_492_8067343878755354541-1/-local-10007/HashTable-Stage-6/MapJoin-mapfile111--.hashtable-10007/HashTable-10$ 2021-10-14 09:54:23 Uploaded 1 File to: file:/tmp/root/667a55d1-685e-435a-b5dd-447708a22316/hive_2021-10-14_09-54-12_492_8067343878755354541-1/-local-10007/HashTable-Stage-6/MapJoin-mapfile111--.hashtable (536 bytes) 2021-10-14 09:54:23 $\,$ End of local task; Time Taken: 0.117 sec.

Results (10)

Saved Queries Query Builder artist_lastfm 1 The Beatles 2 Radiohead 3 Coldplay 4 Muse 5 Arctic Monkeys 6 Pink Floyd 7 Linkin Park 8 Red Hot Chili Peppers 9 Lady Gaga 10 Metallica

с) Самые популярные исполнители 10 самых популярных тегов ластфм

Вариант 2 (более правильный)

```
| MITH tags_table as | CSELECT tag, COUNT(tag) AS num_of_tag FROM mytable | LATERAL VIEW EXPLODE(SPLIT(LOWER(tags_lastfm), '; ')) tmpTable AS tag | WHERE tag! = '' GROUP BY tag ORDER BY num_of_tag DESC LIMIT 10), | result AS | CSELECT artist_lastfm, scrobbles_lastfm, tags FROM mytable | LATERAL VIEW EXPLODE(SPLIT(LOMER(tags_lastfm), '; ')) tags_lastfm AS tags | LATERAL VIEW EXPLODE(SPLIT(LOMER(tags_lastfm), '; ')) tags_lastfm AS tags | WHERE tags != '') a | MHERE tags Im (SELECT ag FROM tags_table)) | LEECT artist_lastfm, max_scrobbles, tags | LEECT artist_lastfm, tags | LEECT
```

WARNING: Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases. SLF4J: Class path contains multiple SLF4J bindings. $SLF4J: \ Found \ binding \ in \ [jar:file:/opt/hive/lib/log4j-slf4j-impl-2.6.2.jar!/org/slf4j/impl/StaticLoggerBinder.class]$

Qui	ery riis	story Saved Queries Query Builde	Results (10)	
		artist_lastfm	max_scrobbles	tags
.ii v	1	The Beatles	517126254	rock
	2	The Beatles	517126254	рор
4	3	Radiohead	499548797	seen live
	4	Radiohead	499548797	indie
	5	Radiohead	499548797	experimental
	6	Radiohead	499548797	electronic
	7	Radiohead	499548797	alternative
	8	Lady Gaga	285469647	female vocalists
	9	Ariana Grande	106673207	all
	10	Joyce Manor	10993278	under 2000 listeners

d) Любой другой инсайт на ваше усмотрение:

Исполнитель с максимальным числом скробблов (pandas-style)

ТОП-5 исполнителей по числу скробблов из Ирландии:

