

Plan hash value: 1232802935

Id	Operation	Name	Rows
0	SELECT STATEMENT		1
1	SORT AGGREGATE		1
2	VIEW	VW_EMP_LOC_DIM	198M
3	UNION-ALL		
* 4	HASH JOIN		296K
* 5	VIEW		240K
* 6	WINDOW SORT PUSHED RANK		240K
* 7	FILTER		
* 8	TABLE ACCESS STORAGE FULL	EMP_DIM	240K
* 9	TABLE ACCESS STORAGE FULL	EMP_LOC_DIM	296K
10	COUNT		
* 11	HASH JOIN		152M
12	VIEW		8874
13	HASH UNIQUE		8874
* 14	FILTER		
* 15	TABLE ACCESS STORAGE FULL	EMPLR_LOC_DIM	8874
16	VIEW		240K
17	MINUS		
18	SORT UNIQUE		240K
* 19	TABLE ACCESS STORAGE FULL	EMP_DIM	240K
20	SORT UNIQUE		251K
* 21	TABLE ACCESS STORAGE FULL	EMP_LOC_DIM	251K

Oracle SQL Performance Tuning and Optimization

It's all about the Cardinalities

FRP SPREADSHEET

ID	TABLE_NAME	NUM_ROWS	ROWCOUNT	Plan Cardinality	Filtered Cardinality	Actual FRP
8	EMP_DIM	6243035	6243035	240117	215414	3.5
9	EMP_LOC_DIM	329699	329699	296337	329699	100.0
15	EMPLR_LOC_DIM	8874	8874	8874	8872	100.0
19	EMP_DIM	6243035	6243035	240117	236469	3.8
21	EMP_LOC_DIM	329699	329699	251761	212993	64.6

5 rows selected.