

```
Plan hash value: 1232602935
-----
| 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 | | 294K |
| 5 | VIEW | | 243K |
|* 6 | WINDOW SORT PUSHED RANK | | 243K |
|* 7 | FILTER | | |
|* 8 | TABLE ACCESS STORAGE FULL | EMP_DIM | 243K |
|* 9 | TABLE ACCESS STORAGE FULL | EMP_LOC_DIM | 294K |
| 10 | COST | | |
|* 11 | HASH JOIN | | 152M |
| 12 | VIEW | | 8874 |
| 13 | HASH UNIQUE | | 8874 |
|* 14 | FILTER | | |
|* 15 | TABLE ACCESS STORAGE FULL | EMP_LOC_DIM | 8874 |
| 16 | VIEW | | 243K |
| 17 | NESTS | | |
| 18 | SORT UNIQUE | | 243K |
|* 19 | TABLE ACCESS STORAGE FULL | EMP_DIM | 243K |
| 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

```
EMP_SPHASHSET
-----
ID TABLE_NAME NUM_ROWS ROWCOUNT Cardinality Filtered Cardinality Actual
-----|-----|-----|-----|-----|-----|-----|
0 EMP_DIM 6243035 6243035 240117 215414 3.5
8 EMP_LOC_DIM 329699 329699 296337 329699 100.0
15 EMP_LOC_DIM 8874 8874 8874 8872 100.0
19 EMP_DIM 6243035 6243035 240117 236469 3.8
22 EMP_LOC_DIM 329699 329699 291761 212993 64.6
5 rows selected.
```

Oracle SQL Performance Tuning and Optimization: It's all about the Cardinalities by Kevin Meade

Download link:



Another interesting books:

Christopher Hertel

[Implementing CIFS: The Common Internet File System by Christopher Hertel pdf free](#)

[Grabbed by Vicious by epub download](#)

Georg Schmidtbauer

[Kletterwand selbst bauen - Die besten Erfindungen in Patenten \(German Edition\) by Georg Schmidtbauer pdf free](#)

Michael Freeman

[Michael Freeman's Photo School: Exposure: Essential Aspects of Exposure by Michael Freeman free download](#)

John F. McDonald

[Postwar Urban America: Demography, Economics, and Social Policies by John F. McDonald download pdf](#)

Gemma Santos

[Future U.S. Citizens with Active Book by Gemma Santos download pdf](#)

David Seltzer

[The Omen by David Seltzer download pdf](#)

G. William Domhoff

[Who Rules America? The Triumph of the Corporate Rich by G. William Domhoff free pdf](#)

[The God of Trading, Honma :The Creator of Japanese Candle Charts, Honma's Secret Methods of Investment by free pdf](#)

Jonathan Wilkenfeld

[Negotiating a Complex World: An Introduction to International Negotiation \(New Millennium Books in International Studies\) by Jonathan Wilkenfeld free pdf](#)

Brent Monahan

[An American Haunting: The Bell Witch by Brent Monahan download pdf](#)

Leo Angart

[Improve Your Eyesight Naturally: See Results Quickly by Leo Angart pdf free](#)

Bertrand D. Hsu

[Practical Diesel-Engine Combustion Analysis by Bertrand D. Hsu epub download](#)

[Maritime Maps \(Mega Squares\) by epub download](#)

[Head--Mounted Displays:: Designing for the User by free download](#)

Bruce William Murrow MD PhD

[ENT Secrets, 2e by Bruce William Murrow MD PhD pdf free](#)

Marco Russo

[Expert Cube Development with SSAS Multidimensional Models by Marco Russo free download](#)

Amar Vyas

[NRI: Now, Returned to India: \(Amol Dixit Series Book 1\) by Amar Vyas free epub](#)

STECK-VAUGHN

[Steck-Vaughn Elements of Reading Comprehension: Teacher Resource Book Grade 1 Science 2004 \(Steck-Vaughn Elements of Reading Comprehension: Science\) by STECK-VAUGHN epub download](#)

Gaye O'Brien

[NLP Essentials For Teachers: The Art of Encouraging Excellence in Your Students by Gaye O'Brien pdf free](#)

