3

Consider grain combination of individual memberand individual sale of merchandise.

Merchandise rows = 500

Member rows = 50000

Contains rows =450000

Contains gives us no. of merchandise sold in each sale to each member

* Sparsity estimate:

=1 - ( fact table size / product of dimensions )

=(1 – ( 450,000 / (500\*50000) ) = 0.98937

=0.982