- 50000 members: sum of member rows
- 350 franchises: sum of franchises
- 450,000 items sold merchandises (Contains rows) per year
- 500 Unique merchandise items
- 100,000 ServicePurchase rows per year
- 20 Unique ServCategory rows
- 300 SpecialEvents Worksheet rows per year per franchise
- 200 franchises use this spreadsheet
- 150 unique customers per special event worksheet
- Merchandise Product sales(item level): 450,000
- Days per year: 365

- Customer number (product) = 50000
- Customer number (service) = 50000
- Customer number (special event) –
  200*150=30000

- Fact table size (merchandize product sales per year) - 450000
- Fact table size (service sales per year) – 100000
- Fact table size (special event sales per year) –
  300*200=60000
- Sparsity estimate:
  1 - (fact table size / product of dimensions)
  (1 – (450000 / (500*50000*365)) = 0.9995
  1 - (fact table size / service of dimensions)
  (1 – (100000 / (20*50000*365)) = 0.997