* 350 Franchise Row
* 500 Merchandise Row
* 20 service Category Row
* 200 Franchise Special Event
* **Total Sales:520**
* Member rows: 50,000
* 150 customer
* 200 Franchise Member
* **Total** Customer and Member:50000+(150\*200)30,000=80,000
* Sale rows: 150,000 per year
* Contains rows: 450,000 per year
* ServicePurchase rows: 100,000 rows per year
* SpecialEvents Worksheet rows: 300 per year per franchise with 200 franchises using this spreadsheet **hence 60000**
* **total rows in Fact:610000/year**
* **Sparsity estimate:** 
  + 1 - ( fact table size / product of dimensions )
  + (1 – ( 610,000 / (350\*520\*365\*80,000) ) = 0.999999889
  + The data cube has mostly missing cells with slightly more than 1% of cells with non zero values.