

PROBLEM NUMBER 6 BY SHASHANK MISHRA

Sample Data for the *ServiceSaleFact* Measure Table

| <i>ServiceSaleFact</i> | |
|-------------------------------|---------------------|
| <i>ServPurchId</i> | <i>ServCatPrice</i> |
| 1111 | \$15 |
| 2222 | \$75 |
| 4444 | \$150 |

Sample Data for the *MerchSaleFact* Measure Table

| <i>MerchSaleFact</i> | | | | |
|-----------------------------|----------------|-------------------|------------|--------------------|
| <i>SaleId</i> | <i>MerchId</i> | <i>MerchPrice</i> | <i>Qty</i> | <i>MerchAmount</i> |
| 1111 | MC1 | \$3 | 2 | 6 |
| 2222 | MC4 | \$200 | 1 | 200 |
| 3333 | MC3 | \$100 | 1 | 100 |
| 4444 | MC4 | \$40 | 1 | 40 |

Sample Data for the *SpecialEventFact* Measure Table

| <i>SpecialEventFact</i> | |
|--------------------------------|---------------|
| <i>EventId</i> | <i>Amount</i> |
| E01 | \$1,000 |
| E02 | \$500 |
| E03 | \$200 |

Sample Data for the *Customer* Dimension Table

| <i>Customer</i> | | | | | |
|------------------------|-----------------|----------------|------------------|-----------------|------------------|
| <i>MmbrId</i> | <i>MmbrName</i> | <i>MmbrZip</i> | <i>MemTypeId</i> | <i>MmbrDate</i> | <i>MmbrEmail</i> |
| 1111 | Joe | 98011 | M1 | 1-Feb-2009 | joe@serv1.com |
| 2222 | Mary | 80112 | M2 | 1-Jan-2010 | mary@serv2.com |
| 3333 | Sue | 45327 | M3 | 3-Mar-2011 | sue@serv3.com |
| 4444 | George | 45236 | NA | NA | george@serv4.com |

Sample Data for the *Calendar* Dimension Table

| <i>Calendar</i> | | | | |
|------------------------|---------------|----------------|-----------------|----------------|
| <i>CalDateId</i> | <i>CalDay</i> | <i>CalWeek</i> | <i>CalMonth</i> | <i>CalYear</i> |
| C10000211 | 1 | 1 | 2 | 2013 |
| C10000212 | 2 | 1 | 2 | 2013 |
| C10000213 | 3 | 1 | 2 | 2013 |
| C10000214 | 4 | 1 | 2 | 2013 |

Sample Data for the *MerchType* Dimension Table

| <i>MerchType</i> | | |
|-------------------------|------------------|------------------|
| <i>MerchId</i> | <i>MerchName</i> | <i>MerchType</i> |
| MC1 | Wilson balls | Balls |
| MC2 | Wilson racket | Racket |
| MC3 | Adidas shoes | Shoes |
| MC4 | Racket stringing | Racket |

Sample Data for the *ServiceCat* Dimension Table

| <i>ServiceCat</i> | |
|--------------------------|--------------------|
| <i>ServCatId</i> | <i>ServCatName</i> |
| SC1 | Ball machine |
| SC2 | Private lesson |
| SC3 | Adult class |
| SC4 | Child class |

Sample Data for the *Franchise* Dimension Table

| <i>Franchise</i> | | | |
|-------------------------|---------------------|-------------------------|------------------------|
| <i>FranchId</i> | <i>FranchRegion</i> | <i>FranchPostalCode</i> | <i>FranchModelType</i> |
| F1 | Northwest | 98011 | Full |
| F2 | Mountain | 80111 | Medium |
| F3 | Central | 45236 | Limited |

Sample Data for the *SEType* Dimension Table

| <i>SEType</i> | |
|------------------------|-------------------|
| <i>Event Type Code</i> | <i>Event Name</i> |
| L-A | Adult Social |
| L-B | Pioneer Social |
| L-C | Team Practice |

Sample Data for the *SETCustomer* Dimension Table

| <i>SETCustomer</i> | | |
|---------------------------|---------------------|-------------------------|
| <i>CustomerId</i> | <i>CustomerName</i> | <i>CustomerLocation</i> |
| CC1 | First Data | Greenwood Village |
| CC2 | DU Tennis | Denver |
| CC3 | Creek High School | Greenwood Village |