**Q6.** Populating Data Warehouse tables with data from spread sheet and retail fitness database

**1. Date Dimension Table;**

|  |  |  |  |
| --- | --- | --- | --- |
| **DateID** | **Day** | **Month** | **Year** |
| 1 | 01 | 01 | 1999 |
| 2 | 02 | 01 | 1999 |
| 3 | 03 | 04 | 2001 |

Here, we added a Primary key to Date Dimension table.

**2. Franchise Dimension Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| **FranchiseID** | **FranchRegion** | **FranchPostalCode** | **FranchModelType** |
| F1 | Northwest | 98011 | Full |
| F2 | Mountain | 80111 | Medium |
| F3 | Central | 45236 | Limited |

FranchiseID is used as a default primary key from Retail Fitness database

**3. Customer/ Member Dimension Table:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MemberID** | **MemberName** | **MemberZip** | **MemberEmail** | **Membership Type** |
| 1111 | Joe | 98011 | joe@serv1.com | M1 |
| 2222 | Mary | 80112 | mary@serv2.com | M2 |
| 3333 | Sue | 45327 | sue@serv3.com | M3 |

**4. Merchandise and Service Dimension Table:**

|  |  |  |
| --- | --- | --- |
| **MerchServID** | **MerchServName** | **MerchServType** |
| 1 | Wilson Ball | MRCH |
| 2 | Ball Machine | PASS |
| 3 | Pioneer Social | EVNT |
| 4 | Value Member Ship | MMBR |

Here, we created a new primary key for table that stores both merchandise and service types in one table.

**5. RetailFitnessFacts:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **FactID** | **SalesQuantity** | **MerchPrice** | **ServPrice** | **FranchID** | **MerchServID** | **MembID** | **DateID** |
| 1 | 20 | 10 | 200 | F1 | 1 | 1111 | 1 |
| 2 | 12 | 5 | 150 | F3 | 2 | 1112 | 2 |
| 3 | 15 | 12 | 180 | F4 | 3 | 1113 | 7 |