1. **Populated table**

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

|  |  |
| --- | --- |
| **Customer** | |
| *MmbrId* | *MmbrName* | | *MmbrZip* | *MmbrDate* | *MemTypeName* |
| 1111 | Joe | | 98011 | 1-Feb-2009 | Platinum |
| 2222 | Mary | | 80112 | 1-Jan-2010 | Gold |
| 3333 | Sue | | 45327 | 3-Mar-2011 | Value |
| 4444 | George | | 45236 |  |  |
| 5555 | First Data | |  | 13-Feb-2013 |  |
| 6666 | DU Tennis | |  | 14-Feb-2013 |  |
| 7777 | Creek High School | |  | 21-Feb-2013 |  |

**Calendar:**

|  |  |  |  |
| --- | --- | --- | --- |
| **CalId** | **CalDay** | **CalMonth** | **CalYear** |
| C10000211 | 1 | 2 | 2013 |
| C10000212 | 2 | 2 | 2013 |
| C10000213 | 3 | 2 | 2013 |
| C10000214 | 4 | 2 | 2013 |
| C10000215 | 5 | 2 | 2013 |
| C10000216 | 6 | 2 | 2013 |
| C10000217 | 7 | 2 | 2013 |
| C10000218 | 8 | 2 | 2013 |
| C10000219 | 9 | 2 | 2013 |
| C10000220 | 10 | 2 | 2013 |
| C10000221 | 11 | 2 | 2013 |
| C10000222 | 12 | 2 | 2013 |
| C10000223 | 13 | 2 | 2013 |
| C10000224 | 14 | 2 | 2013 |
| C10000225 | 15 | 2 | 2013 |
| C10000226 | 16 | 2 | 2013 |
| C10000227 | 17 | 2 | 2013 |

**Product:**

|  |  |  |
| --- | --- | --- |
| ID | Category | Type |
| P1 | Service | Ball machine |
| P2 | Service | Private lesson |
| P3 | Service | Adult class |
| P4 | Service | Child class |
| P5 | Merchandise | Balls |
| P6 | Merchandise | Racket |
| P7 | Merchandise | Shoes |
| P8 | Merchandise | Racket |
| P9 | Special | Adult Social |
| P10 | Special | Pioneer Social |
| P11 | Special | Team Practice |

**Fact Table:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Entry ID** | **ProductID** | **CallID** | **CustomerID** | **FranchiseID** | **Unit Price** | **Quantity** | **Sales Amount** |
| **E1** | **P1** | C10000233 | **2222** | **F1** | $150 | **1** | $150 |
| **E2** | **P4** | C10000224 | **1111** | **F2** | $3 | **1** | $3 |
| **E3** | **P6** | C10000205 | **2222** | **F1** | $40 | **3** | $120 |
| **E4** | **P10** | C10000267 | **7777** | **F3** | $500 | **1** | $500 |
| **E5** | **P11** | C10000221 | **6666** | **F2** | $200 | **1** | $200 |