Module 3 Assignment problem 1 Solutions

Dimensions are –

* Franchise
* ProductService
* Member
* Merchandise

These dimensions mentioned above are from ERD and spreadsheet “special events”.

* Calendar – Standard data warehouse dimension.

------------------------------------------------------------------------------------

Attributes and it’s data sources

**Franchise**

FranchId: ERD only

FranchRegion (Franchise table) ERD only and it is hierarchical (Country -> FranchRegion)

FranchPostalCode: ERD only

FranchModelType: ERD only

**ProductService** (SpecialEventsWorksheet + ServiceCategory)

ProdId : ERD

ServCatId : Some special Id for Special events.

ProdName : ERD and Special Events Worksheet.

ServCatName: or (Event Name (Special Events Worksheet).

ProdType : Special Events Worksheet

(Event Type Code (Special Events Worksheet)) and Service Type for Service Category.

**Merchandise**

MerchId: ERD only.

MerchName: ERD only.

MerchType: ERD only.

**Member**

MmbrId: ERD or Corporate CustomerId (Worksheet)

MmbrName: ERD or Corporate Customer Name (Worksheet).

MmbrZip: ERD only.

Customer Location (worksheet), If Zip codes can be found out for region, we can enter zip codes for corporate customers.

MmbrEmail: ERD only, Hierarchical (top level domain → second level domain → local part)

MmbrType: From MemberType Table

**Calendar**

Date: in the ERD (MmbrDate, ServPuchDate, and SaleDate) and spreadsheet EventDate.

EventDate can be added as ServPurchDate as on that day event was purchased and amount was given which is hierarchical (year → month → day).