

P4:M3

1. Star Schema is used as only five dimensions are there.
2. A New Fact Table Name SalesRecord is made.

It maintains the entry for each productService/Merchandise bought.

It has following fields:

- SalesRecordNo (Primary Key)
- SalesQty(As it was there in Contains Table)
- SalesUnitPrice(Price of Merchandise,Price of Service,may be ServiceCategory,Special Events,Membership Price from MemberType Table)
- SalesTotalAmt (Keep Track of Total Money Earned)
- isService (Yes or No)
To check entry recorded is of Service or not.
- isMerchandise (Yes or No)
To check Entry recorded is of merchandise or not.

3. Other 5 Dimension Tables are as follows:

Franchise

FranchId (primary key)

FranchRegion

FranchPostalCode

FranchModelType

Member

MemId (Primary Key)

MemName

MemZip

MemDate(MembershipDate)

MemEmail

MemType (Taken from ERD MemType Table)

(Default values for Guest, Corporate Cust)

Calendar

CallId (primary key)

CallDay

CallMonth

CallYear

ProductService

ProdId(Primary Key)

ProdName

ProdType (Special Event,Service,MemberShip)

Merchandise

MerchId (Primary Key)

MerchName

MerchType

SalesRecord **Of** ProductService/Merchandise **Bought By** Member **On** Calendar Supplied **By** Franchise

The diagram shows the star schema , with salesrecord as the middle and other dimensions have 1 to Many relationships to it.

Each Entry into the database contains the record of the productservice whether it is Service or Special Event into the database or Membership(Gold,Platinum,Value) or of merchandise.