1. You should identify dimensions, map dimensions to data sources, and specify dimension hierarchies. For each dimension, you should identify its data sources and attributes in each data source. For hierarchical dimensions, you should indicate the levels from broad to narrow.

Ans. The dimensions are as listed below:

* DimFranchise
  + FranciseId: Data source from ERD
  + FrachRegion: Data source from ERD
  + FranchPostalCode: Data source from ERD
  + FranchModelType: Data source from ERD
* DimMemberType
  + MemTypeId: Data source from ERD | Event type code from spreadsheet
  + MemTypeName: Data source from ERD | Event Name from Spreadsheet
  + MemTypePrice: Data source from ERD | Amount from Spreadsheet
* DimMember
  + MmbrId: Data source from ERD | Corporate Customer Id from Spreadsheet
  + MmbrNane: Data source from ERD | Corp. Customer Name from Spreadsheet
  + MmbrZip: Data source from ERD
  + MemTypeId: Data source from ERD
  + FrnchId: Data source from ERD
  + MmbrEmail: Data Source from ERD; hierarchical (top level domain, second level domain, local part)
* DimMerchandise
  + MerchId: Data source from ERD
  + MerchName: Data source from ERD
  + MerchPrice: Data source from ERD
  + MerchType: Data source from ERD
* DimServiceCategory
  + ServCatId: Data source from ERD
  + ServCatName: Data source from ERD
  + ServCatPrice: Data source from ERD
* DimSale
  + SaleId: Data source from ERD
  + MmbrId: Data source from ERD
* DimCalendar
  + Date columns in ERD (SaleDate, MmbrDate, EventDate); hierarchical (year, month, date)