Problem 4:

Extend your analysis to design a star schema (or variation) to support inventory analysis. For each table, you should define the table name, primary key, and columns. You do not need to write complete CREATE TABLE statements

Ans:

The star schema should support the dimensions and measures specified in problems 1 and 2. There are two relationships between the *Calendar* and *SalesFact* tables to record both the purchase and membership dates.

ServiceId is a new derived column which provides a unique id for each service type.

ServiceType is also a new column which indicates the type of service ( Normal service or Special event)

MemTypePrice was dropped in the data warehouse design. The problem did not indicate a clear usage the data warehouse.

