**Q5.** Potential summarizability problems in Star schema are:

a. In member/customer dimension table guest members and corporate customers may not have a specific type of membership. So, to solve this summarizability problem, we need to assign a default membership for guest members and corporate customers.

b. In Franchise dimension table, only zip code and postal code detail are collected. If need additional details regarding city and state, we need to add them to the Franchise dimension

c. If sales are to be tracked across the country then we may need to add newer dimension called Location with Zip code, City, State.

**Location:**

|  |  |  |  |
| --- | --- | --- | --- |
| **LocationID** | **ZipCode** | **City** | **State** |
| **1** | **02215** | **Boston** | **MA** |
| **2** | **10106** | **New York** | **NY** |