**Question#05**

Following are the possible summarizability problems:

* Incomplete roll-up of member type for members. Some members do not have member types like guests and corporate event customers. Solution: use default values.
* Incomplete dimension problem as the membership date applies to members only, there is no resolution for this incompleteness.
* Incomplete dimension-fact relationship for franchise as the spreadsheet lacks franchise information. Solution: collect data from each franchise.
* Non-strict dimension problem in Time. There’s an M-N relationship between Quarter & Month and Month & Week. Solution: separate the hierarchies and making both the grain unrelated.
* Roll-up incompleteness in Product dimension. There can be cases where a product might not have a type. Solution: add default category.