1)   
Facts: Bus, trip segment

Measures:

1. Number of kilometers
2. Number of trips
3. Fuel consumption
4. Number of passengers
5. Number of drivers
6. Time taken

Dimensions:

1. Time
2. Drivers
3. Passengers
4. Trips
5. Depot

Hierarchies:

1. Time
   1. Year
   2. Month
   3. Day
2. Bus
   1. Model
   2. Manufacturer
   3. Fuel consumption
   4. Total capacity
3. Depot
   1. Street
   2. City

2)   
Data cube based on query (vii), find the total number of trips per bus, per depot, per city.