Lab Assignment 2

* 1. Fact tables:
* Traffic event
* Recharges

Dimensions (for Traffic event):

* date
* event type
* service type
* source location
* destin
* client
* timestamp

Dimensions (for Recharges):

* payment type
* card
* date

Measures (for Traffic event):

* consumed time
* consumed vol
* consumed events
* billed time
* billed volume
* billed events

Measures (for Recharges):

* recharged money
  1. A one-to-many relationship can be, for example, between the attribute city and the attribute district in the source location dimension table. A one-to-one relationship can be between attribute destin label and attribute destin prefix in the destin dimension table.
  2. See “ED – 2/ED – 2.1.c.dim” file.
  3. See “ED – 2/ED – 2.1.d.sql” file.

1. See “ED – 2/ED – 2.4.bim” file. No, I don’t think it would simply because, in this business the exact age is usually not relevant, rather the age group is more important. I believe that both facts are event facts since none of them model the current state of a process, rather they model something that happen in the real world, this being bills and drugs prescriptions.

Lab Assignment 3

1. See “ED – 3” folder, which contains everything done in this lab.