

Exercise on data warehouse design

Problem specifications

A data scientist wants to analyze the data captured by the sensors located in different buildings.

The data scientist wants to know, the average number of measurements per sensor based on:

- date, day of the week, holiday or working day, month, 2-months period, 3-months period, 6-months period and year
- sensor type
- measure type
- room, building in which the room is located, room floor in the building, and the geographical location of the building (i.e., city, province, and region)
- room type
- if the room is indoor or outdoor