

1. State which fact tables and dimension tables are in the star schema for this warehouse.

- 1.1. Fact table: SALES.
- 1.2. Dimension tables: CLIENT, PRODUCT, DATE.

2. What are the measurements?

- 2.1. The measurements are: quantity and amount.

3. We want to transform this schema into a snowflake schema. Give the new representation of the DATE and CLIENT tables.

3.1. Snowflake schema representation:

- 3.1.1. CLIENT_DIM (idcli, city_id)
- 3.1.2. CITY_DIM (city_id, city_name, region_id)
- 3.1.3. REGION_DIM (region_id, region_name, country_id)
- 3.1.4. COUNTRY_DIM (country_id, country_name)
- 3.1.5. DATE_DIM (idDate, month_id, quarter_id, year)
- 3.1.6. MONTH_DIM (month_id, nameMonth)
- 3.1.7. PRODUCT_DIM (productid, name, category, services_price, sales_price, supplier)
- 3.1.8. SALES_FACT (productid, dateid, cliid, delivery_date, quantity, amount)

4. Design the corresponding snowflake schema.



