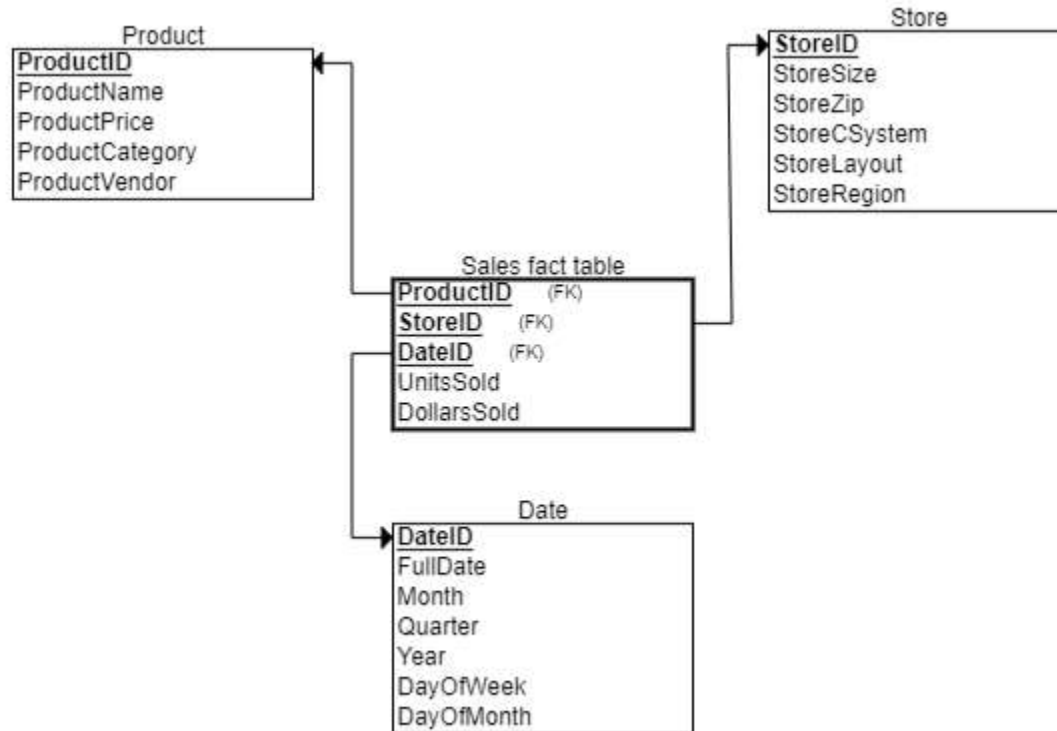


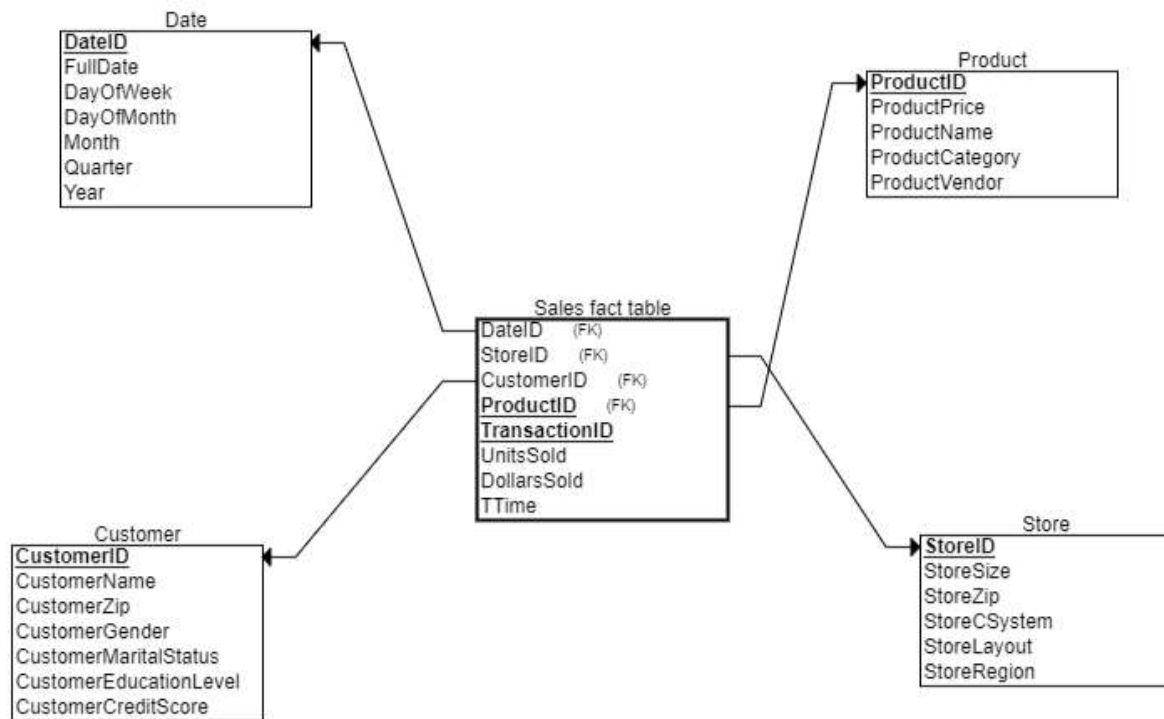
CS: MultiDimensional Modeling Answer Sheet

Please copy and paste your star schema models below:

a) Star Schema with Aggregated Fact Table: Using the data shown above for the ZAGI Retail Company Scenario, create a dimensional model containing an aggregated fact table for Sales, where a fact table shows a summary of units sold and dollars sold for purchases of each product in each store for different dates.



b) Star Schema with Line-Item Detailed Fact Table: Next, create a new dimensional model containing a line-item detailed fact table for Sales, where the fact table shows the units sold and dollars sold for each transaction for store, customer, product, and different dates.



c) Constellation of Line-Item Detailed Fact Tables: Assume that ZAGI needs to track Sales and Returns. Create a star schema with two fact tables. One fact table should be a line-item detailed fact table just like the one described in b. above. The second fact table should be a line-item detailed fact table that tracks product returns by customers, stores, and different dates.

