CDI1Z hand-in

1. Modeling based on the 4-step dimensional design process:

1.1   Choosing the business process:

We decided that the sales process in our design is what our data warehouse should cover. Therefore, the first step in the model is to describe the **sales** process on which the model is built on. **Sales** is a logical pick as it is the main activity of a store and we derived this naming from the attributes that build up the data warehouse model that we are given.

1.2   Declare the grain:

The central process that we have chosen is the **Order details** that is our declared grain. It is the orders include a product, a store, a date, an associated employee and a customer with specific relations between them.

1.3   Identify the dimensions:

The dimensions that have been chosen are **Customer**, **Product**, **Date** and **Employee**. These dimensions are linked with the Facts table which contains all of the other tables' foreign keys.

Identify the facts:

1.4   In this step, the numeric facts that will populate each fact table row have been identified. Most of the fact table rows are numerical, additive figures such as **Quantity**, **Quantity** times the **UnitPrice** as shown in our ER Diagram.

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