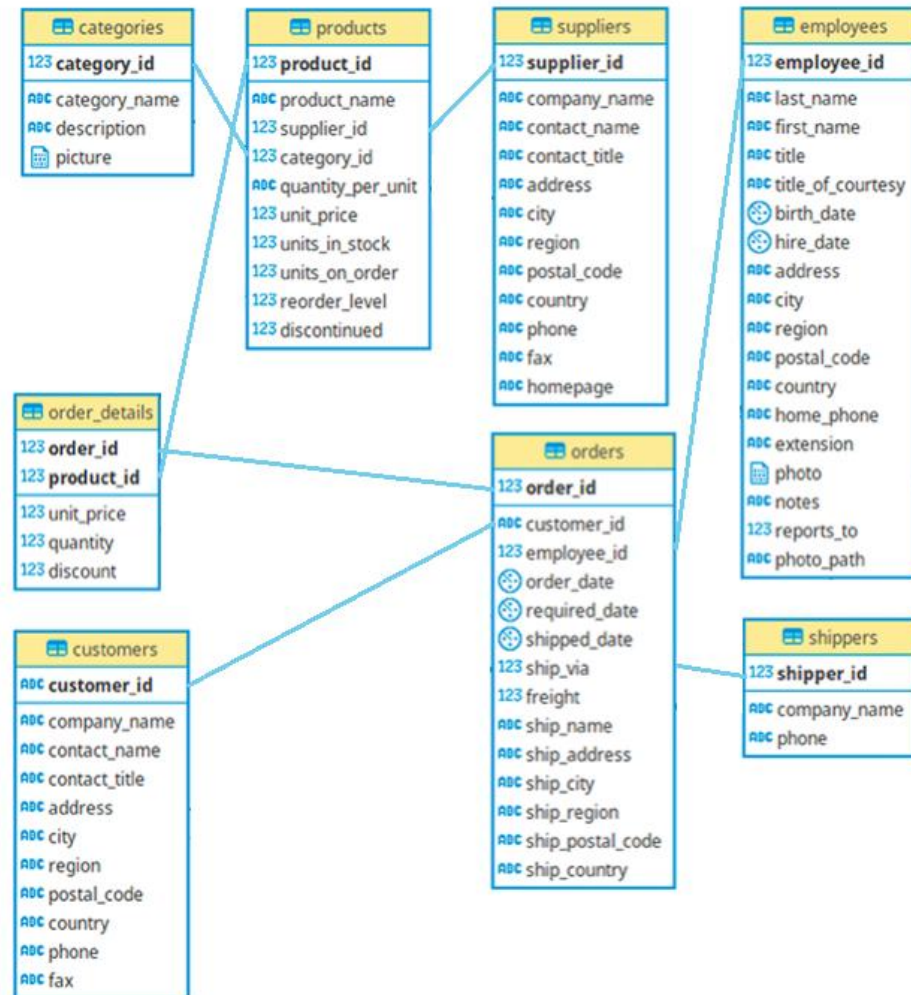


Banco de Dados



1. Clientes

- Remover Clientes Duplicados:
 - company_name
 - contact_name

customers
ABC customer_id
ABC company_name
ABC contact_name
ABC contact_title
ABC address
ABC city
ABC region
ABC postal_code
ABC country
ABC phone
ABC fax

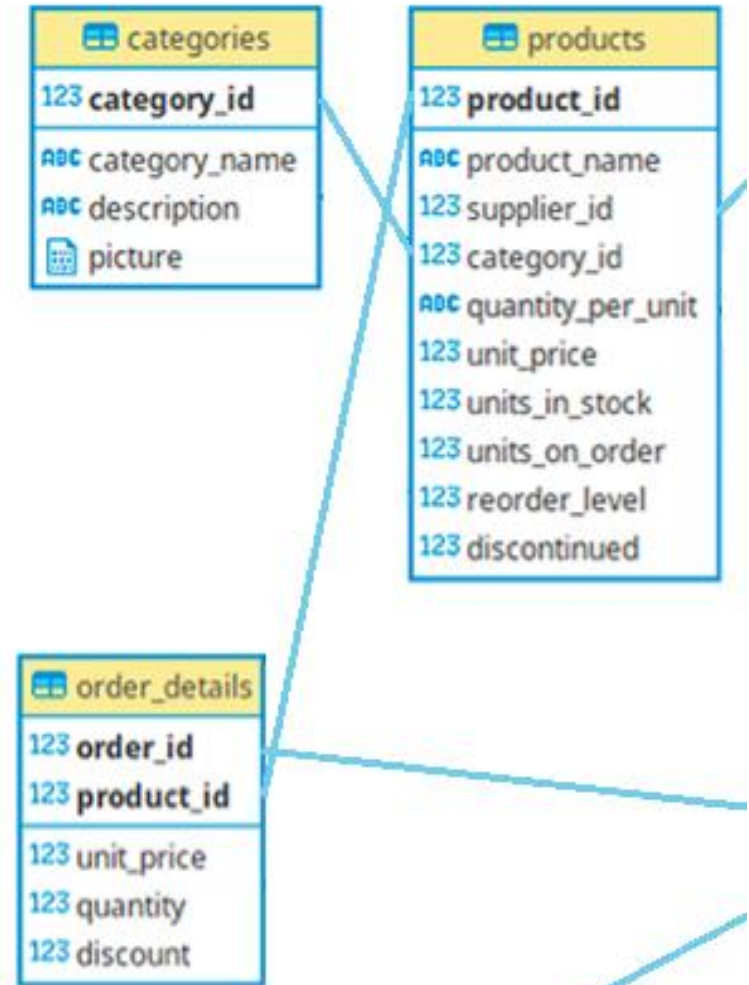
2.Funcionários

- Criar Colunas Calculadas:
 - Age (birth_date)
 - LengthofService (hire_date)
 - Name (last_name + first_name)
- Não é preciso precisão de mês nos cálculos!

employees	
123	employee_id
ABC	last_name
ABC	first_name
ABC	title
ABC	title_of_courtesy
🕒	birth_date
🕒	hire_date
ABC	address
ABC	city
ABC	region
ABC	postal_code
ABC	country
ABC	home_phone
ABC	extension
📷	photo
ABC	notes
123	reports_to
ABC	photo_path

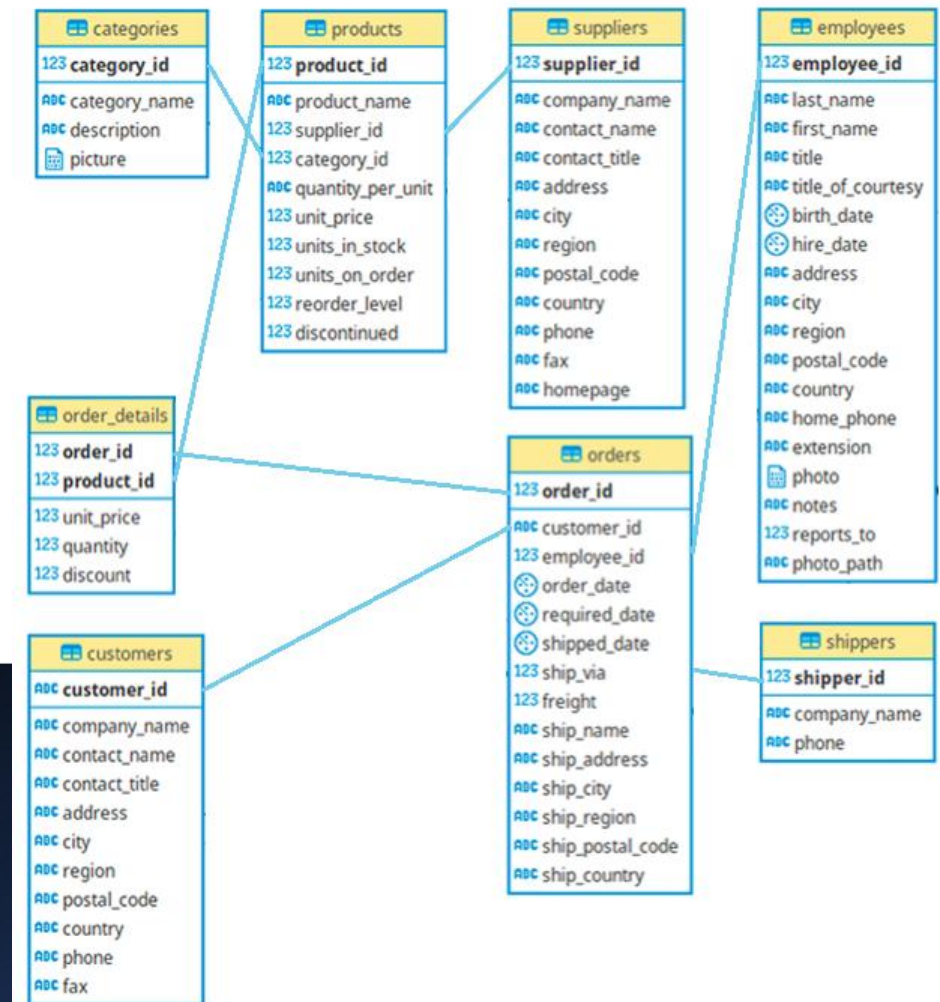
3. Detalhes do Pedido

- Criar Colunas Calculadas:
 - total
 - $\text{Unit_price} * \text{quantity}$
 - discount
 - $\text{Total} - (\text{product.unitprice} * \text{quantity})$

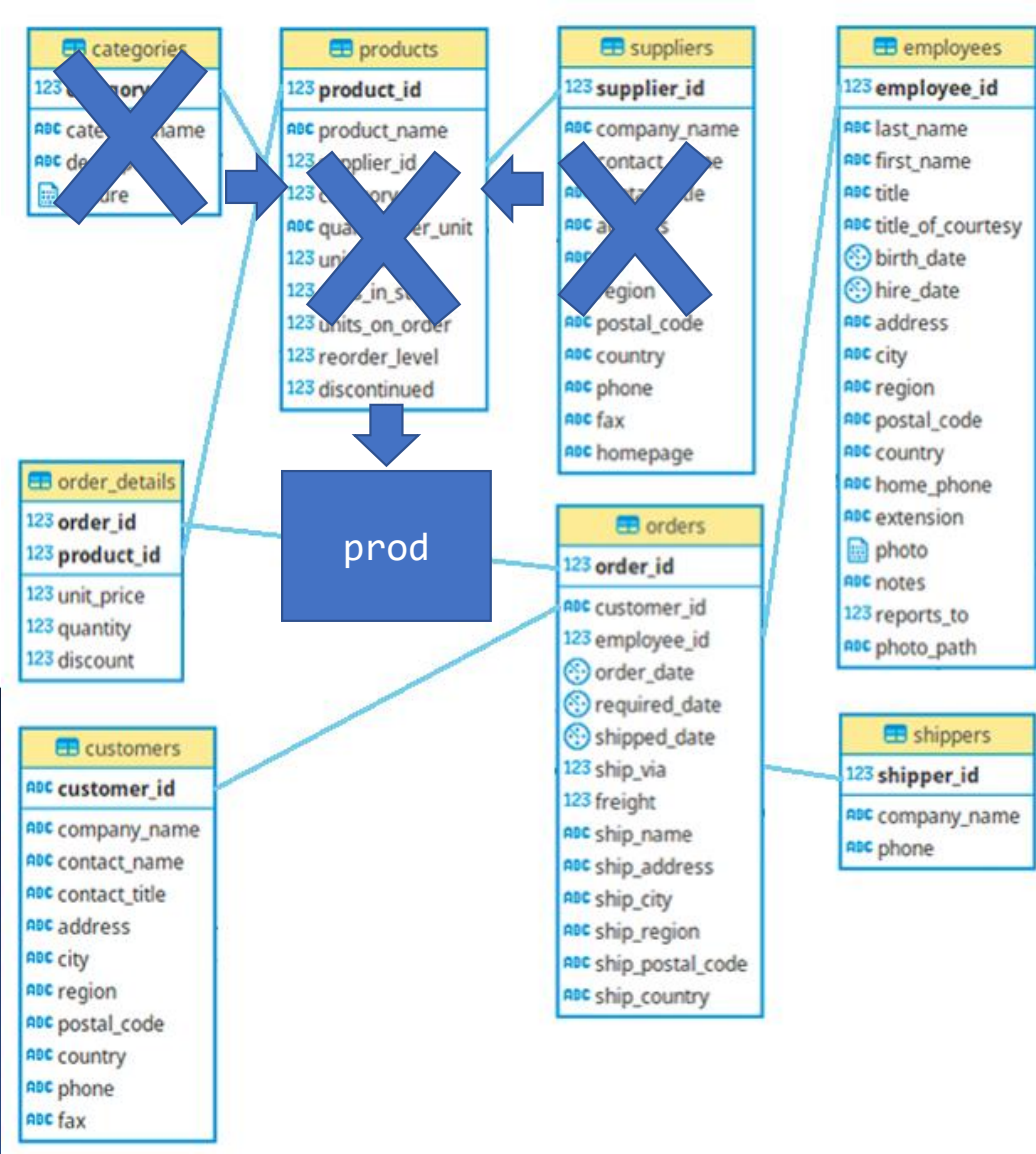


4. Tabela Desnormalizada

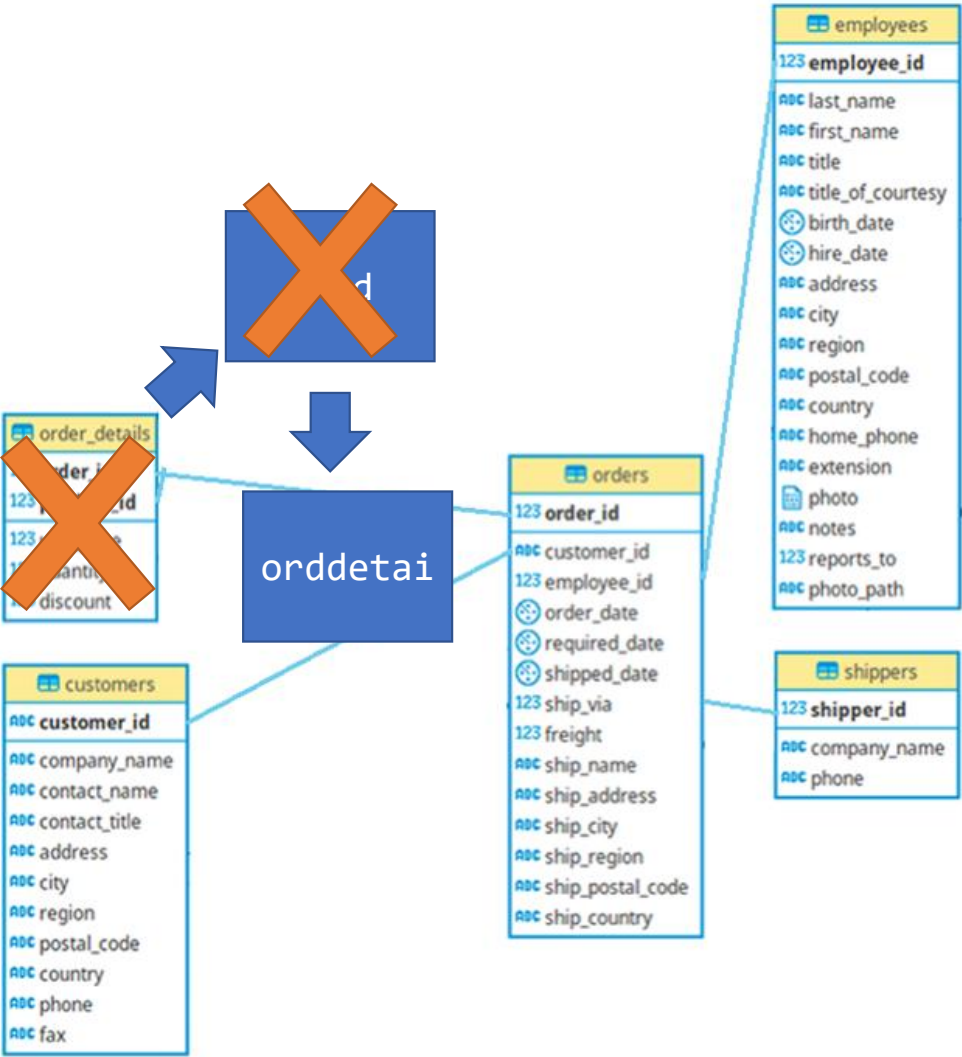
Etapa	Tipo de Junção	Tabelas
1	Left-Join	Products – Suppliers Products – Categories
2	Left-Join	OrderDetails – Modelo 1
3	Left-Join	Orders – Customers Orders – Employees Orders – Shippers
4	Inner-Join	Modelo 2 – Modelo 3



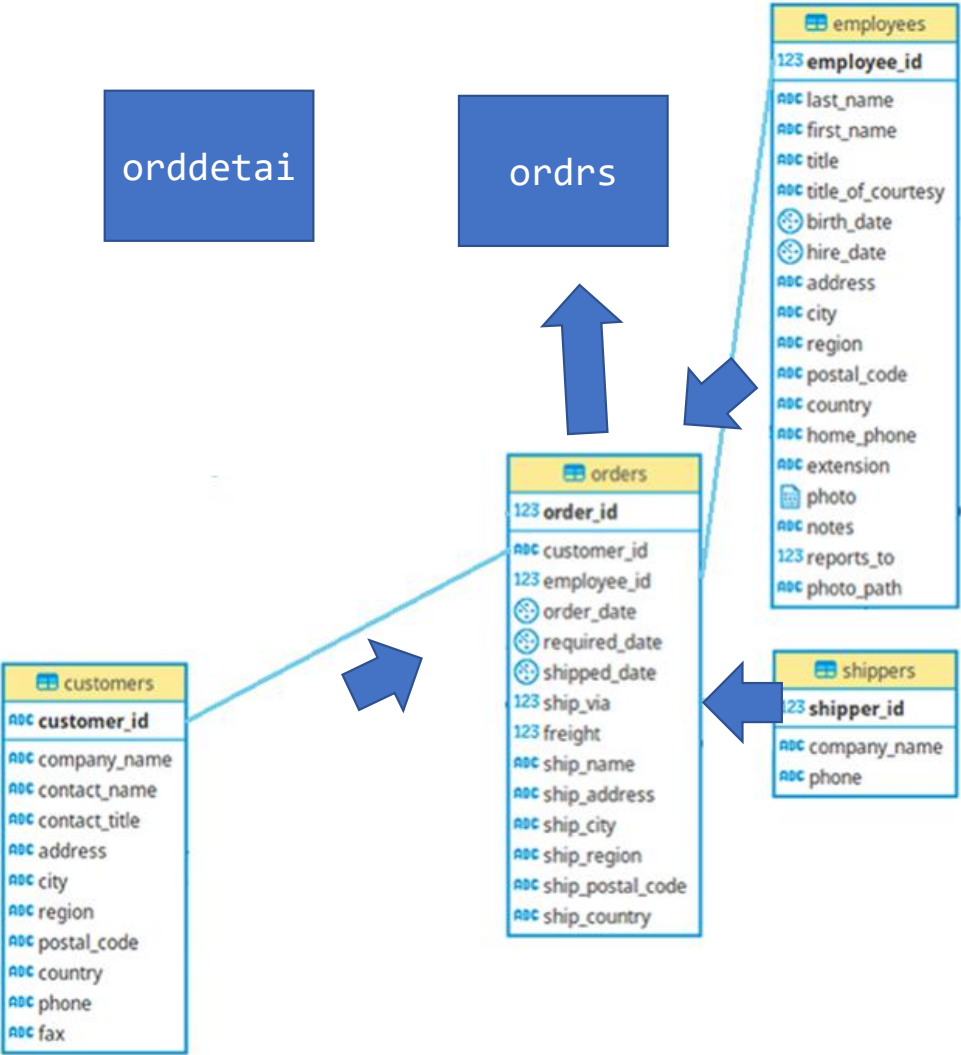
Etapa	Tipo de Junção	Tabelas
1	Left-Join	Products – Suppliers Products – Categories
2	Left-Join	OrderDetails – Modelo 1
3	Left-Join	Orders – Customers Orders – Employees Orders – Shippers
4	Inner-Join	Modelo 2 – Modelo 3



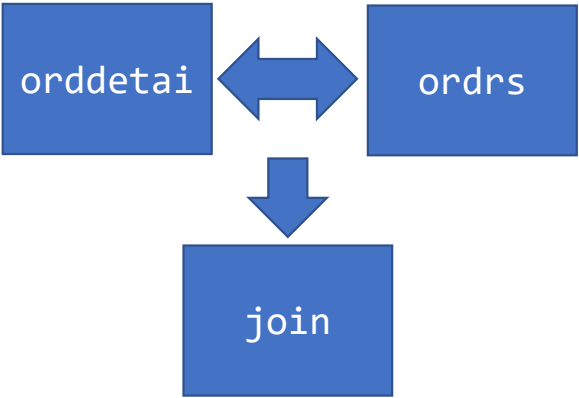
Etapas	Tipo de Junção	Tabelas
1	Left-Join	Products – Suppliers Products – Categories
2	Left-Join	OrderDetails – Modelo 1
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Etapas	Tipo de Junção	Tabelas
1	Left-Join	Products – Suppliers Products – Categories
2	Left-Join	OrderDetails – Modelo 1
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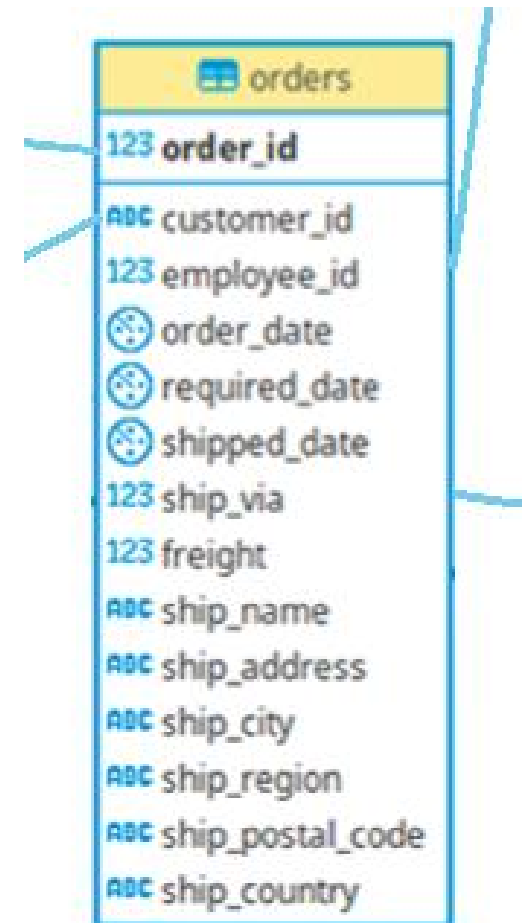


Etapa	Tipo de Junção	Tabelas
1	Left-Join	Products – Suppliers Products – Categories
2	Left-Join	OrderDetails – Modelo 1
3	Left-Join	Orders – Customers Orders – Employees Orders – Shippers
4	Inner-Join	Modelo 2 – Modelo 3



5.Particionamento

- Ano: order.order_date:
 - 2020
 - 2021
 - 2022
- Cada ano um modelo!



The logo for dbt (Data Build Tool) is displayed in white lowercase letters. It is positioned on the right side of a dark blue rectangular area that occupies the left half of the slide. This area features a subtle background design of overlapping circles in varying shades of blue.

- Se uma tabela já foi transformada, devemos utilizar ela dali em diante!
- Ela deixa de ser um source e passa a ser um ref.