Creating a Database – Part I

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So far:

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So far:

- Theory of Relational Databases

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- SQL Theory

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- Theory of Relational Databases
- SQL Theory
- Download and Installation of MySQL Workbench (provided by ORACLE®)

Creating a Database – Part I

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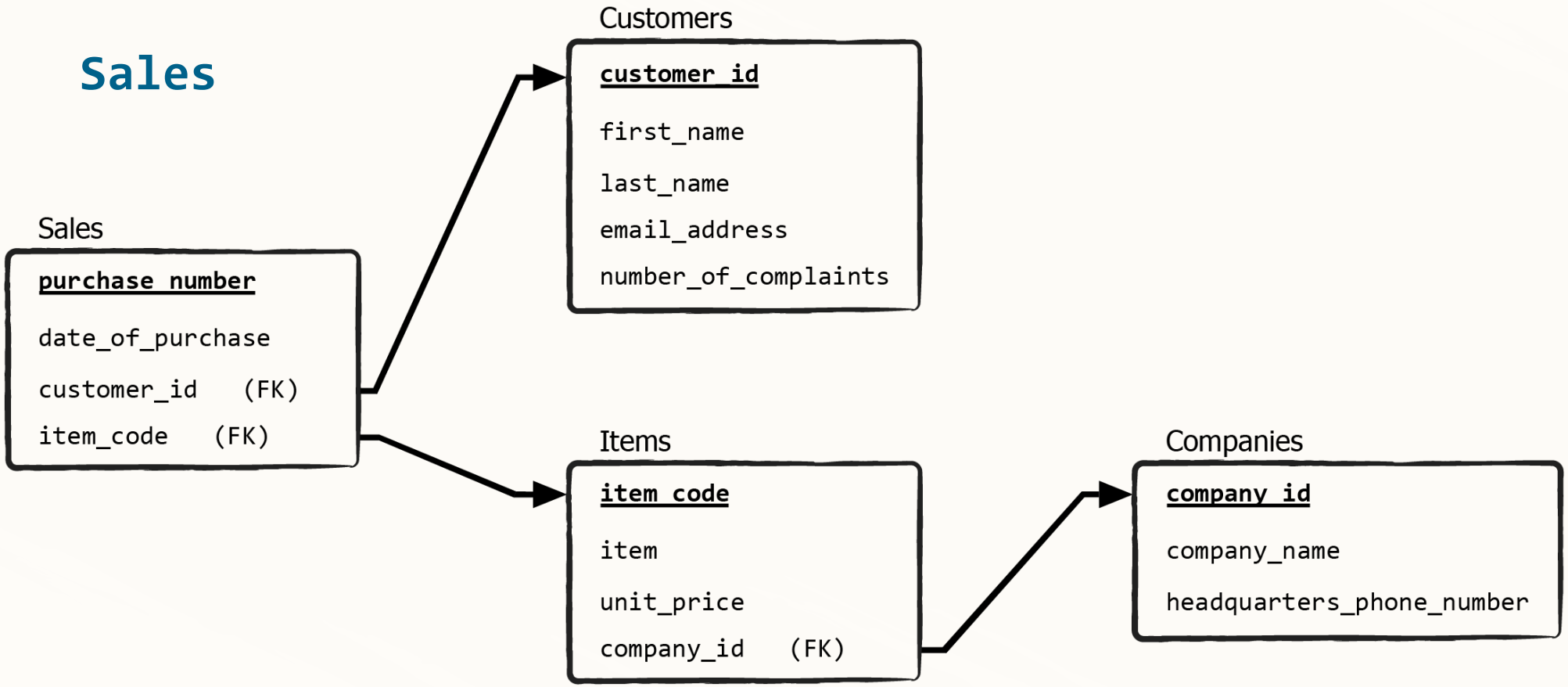

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```
CREATE DATABASE [IF NOT EXISTS] database_name;
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- CREATE DATABASE

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```

- **CREATE DATABASE**

  creates a database as an abstract unit

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- [IF NOT EXISTS]

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- **[IF NOT EXISTS]**

  verifies if a database with the same name exists already

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  verifies if a database with the same name exists already

  - the brackets around mean the statement is *optional* (you could either type or omit the statement)

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CREATE DATABASE [IF NOT EXISTS] database_name;
```

- database_name

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CREATE DATABASE [IF NOT EXISTS] database_name;
```

- **database_name**

  give a name that is short but at the same time as related to the content of the data as possible

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  - the SQL code is not case sensitive

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  give a name that is short but at the same time as related to the content of the data as possible

  - the SQL code is not case sensitive
  - in this element the quotes are optional

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CREATE DATABASE [IF NOT EXISTS] database_name;
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- ; (the semicolon character)

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  it functions as a *statement terminator*

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  - when your code contains more than a single statement, ; is indispensable

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it functions as a *statement terminator*

- when your code contains more than a single statement, ; is indispensable
- will help you avoid errors sometimes
- will improve the readability of your code