

A modern conference room with large windows and a blue tint. The room features a long wooden table, several black office chairs, and a laptop on the table. The windows offer a view of a cityscape. The text "Using Databases and Tables" is overlaid in the center.

Using Databases and Tables

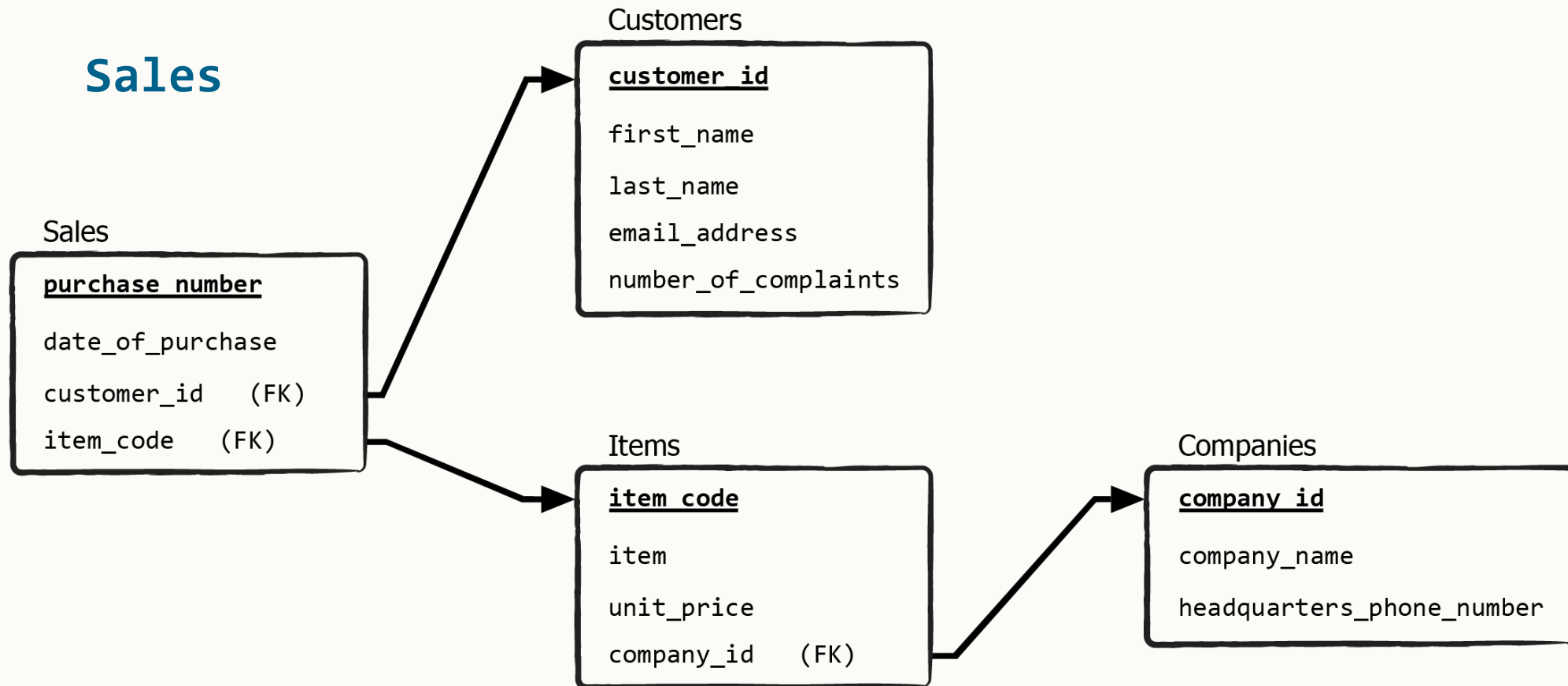
Using Databases and Tables

- queries

one of their main features is to manipulate data within a database

Using Databases and Tables

Sales



Using Databases and Tables

- queries

one of their main features is to manipulate data within a database

e.g.



SQL

```
SELECT * FROM customers;
```

Using Databases and Tables

- Whenever you would like to refer to an *SQL object* in your queries, you must specify the database to which it is applied

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- Whenever you would like to refer to an *SQL object* in your queries, you must specify the database to which it is applied

SQL Objects:

- SQL table

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SQL Objects:

- SQL table
- views
- stored procedures
- functions

Using Databases and Tables

- Whenever you would like to refer to an *SQL object* in your queries, you must specify the database to which it is applied

- 1) set a default database

Using Databases and Tables

- Whenever you would like to refer to an *SQL object* in your queries, you must specify the database to which it is applied

1) set a default database



SQL

```
USE sales;
```

```
SELECT * FROM customers;
```

Using Databases and Tables

- Whenever you would like to refer to an *SQL object* in your queries, you must specify the database to which it is applied
 - 1) set a default database
 - 2) call a table from a certain database

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SQL

```
database_object . sql_object
```

Using Databases and Tables



SQL

database_object . sql_object

. – “dot operator”

signals the existence of a connection between the two object types

Using Databases and Tables



SQL

database_object . sql_object

```
SELECT * FROM sales.customers;
```

. – “dot operator”

signals the existence of a connection between the two object types