

A modern conference room with large windows and a long table. The room is empty, with several chairs arranged around the table. The view outside the windows shows a cityscape. The image has a blue tint and a stylized, torn-paper-like border.

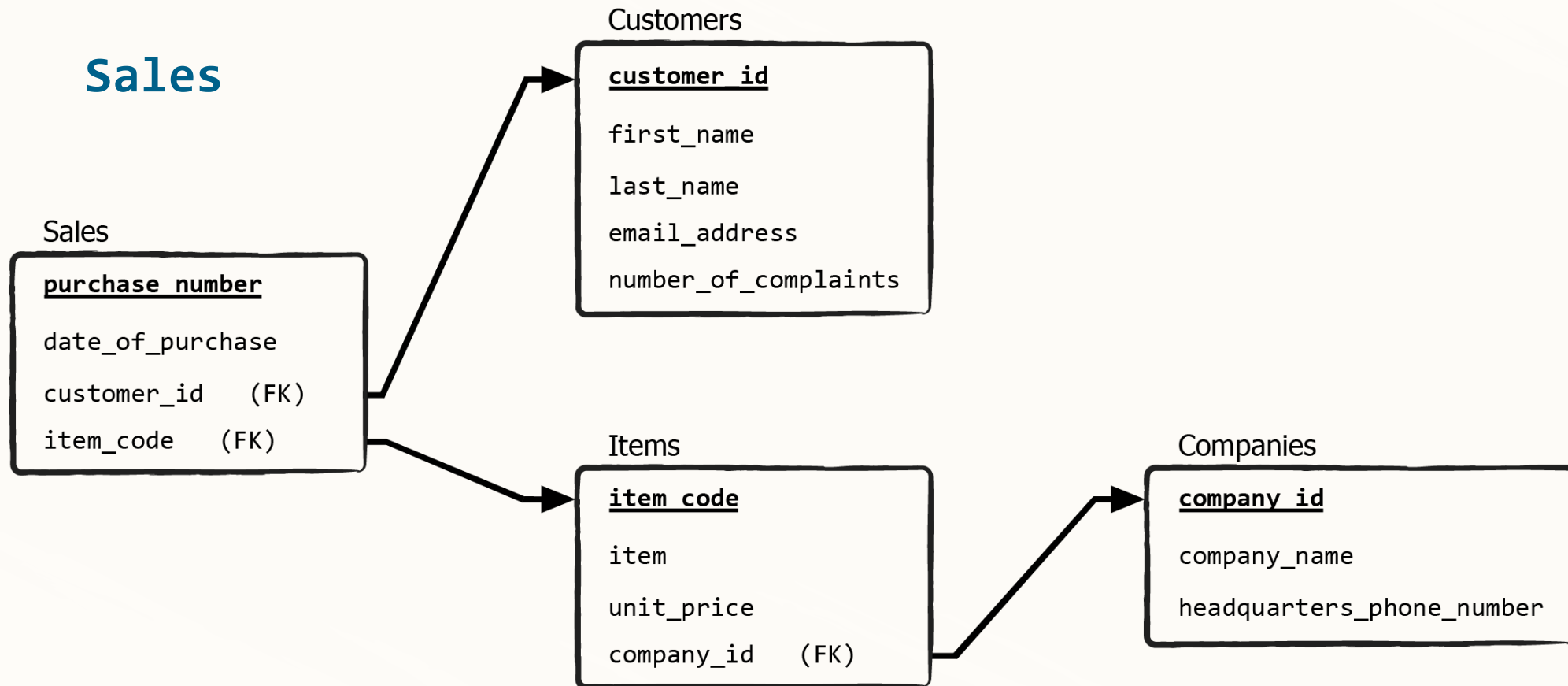
# Using Databases and Tables

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- queries

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

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e.g.



SQL

```
SELECT * FROM customers;
```

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*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



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1) set a default database



SQL

```
USE sales;
```

```
SELECT * FROM customers;
```

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  - 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

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SQL

database\_object . sql\_object

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

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signals the existence of a connection between the two object types