SQL CREATE

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Syntax:
```
CREATE TABLE table_name (
    column1 datatype column_constraints,
    column2 datatype column_constraints,
    column3 datatype column_constraints
);
```

Example:
```
CREATE TABLE cars (
    id SERIAL PRIMARY KEY,
    year INT,
    make TEXT NOT NULL,
    model TEXT NOT NULL
);
```

PRIMARY KEY is implicitly UNIQUE and NOT NULL

Where does a table live?
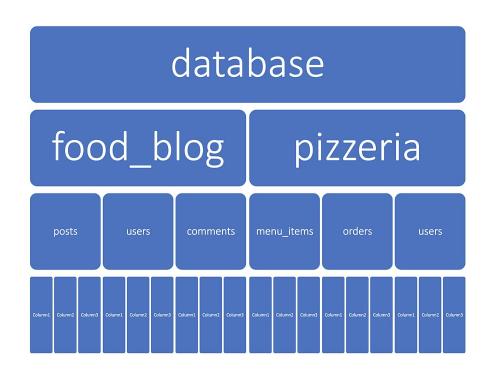
SQL with Python

nucamp

SQL client connects to one database at a time (e.g. with psql, pgAdmin, etc)

Each database has namespaces known as **schemas**

Tables within the same schema have unique names

Columns within the same table have unique names

Each data cell has unique tuple: (database, schema, table, column, row)

database
food_blog	pizzeria

posts	users	comments	menu_items	orders	users

| Column1 | Column2 | Column3 | Column1 | Column2 | Column3 | Column1 | Column2 | Column3 | Column1 | Column2 | Column3 | Column1 | Column2 | Column3 | Column1 | Column2 | Column3 |