

EMPLOYEE DATABASE SCHEMA

TABLE: departments

- department_id INT PRIMARY KEY
- department_name VARCHAR(50)
- location VARCHAR(100)

TABLE: jobs

- job_id INT PRIMARY KEY
- job_title VARCHAR(50)
- min_salary DECIMAL(10,2)
- max_salary DECIMAL(10,2)

TABLE: employees

- employee_id INT PRIMARY KEY
- first_name VARCHAR(50)
- last_name VARCHAR(50)
- email VARCHAR(100)
- phone_number VARCHAR(20)
- hire_date DATE
- job_id INT (FK → jobs.job_id)
- salary DECIMAL(10,2)
- manager_id INT (FK → employees.employee_id)
- department_id INT (FK → departments.department_id)

SQL CREATE STATEMENTS:

```
CREATE TABLE departments (
    department_id INT PRIMARY KEY,
    department_name VARCHAR(50),
    location VARCHAR(100)
);
```

```
CREATE TABLE jobs (
    job_id INT PRIMARY KEY,
    job_title VARCHAR(50),
    min_salary DECIMAL(10,2),
    max_salary DECIMAL(10,2)
);
```

```
CREATE TABLE employees (
    employee_id INT PRIMARY KEY,
    first_name VARCHAR(50),
    last_name VARCHAR(50),
    email VARCHAR(100),
    phone_number VARCHAR(20),
    hire_date DATE,
    job_id INT,
    salary DECIMAL(10,2),
    manager_id INT,
    department_id INT,
    FOREIGN KEY (job_id) REFERENCES jobs(job_id),
    FOREIGN KEY (manager_id) REFERENCES employees(employee_id),
    FOREIGN KEY (department_id) REFERENCES departments(department_id)
);
```