

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)  
);
```