

# PostgreSQL

Реляционная СУБД PostgreSQL

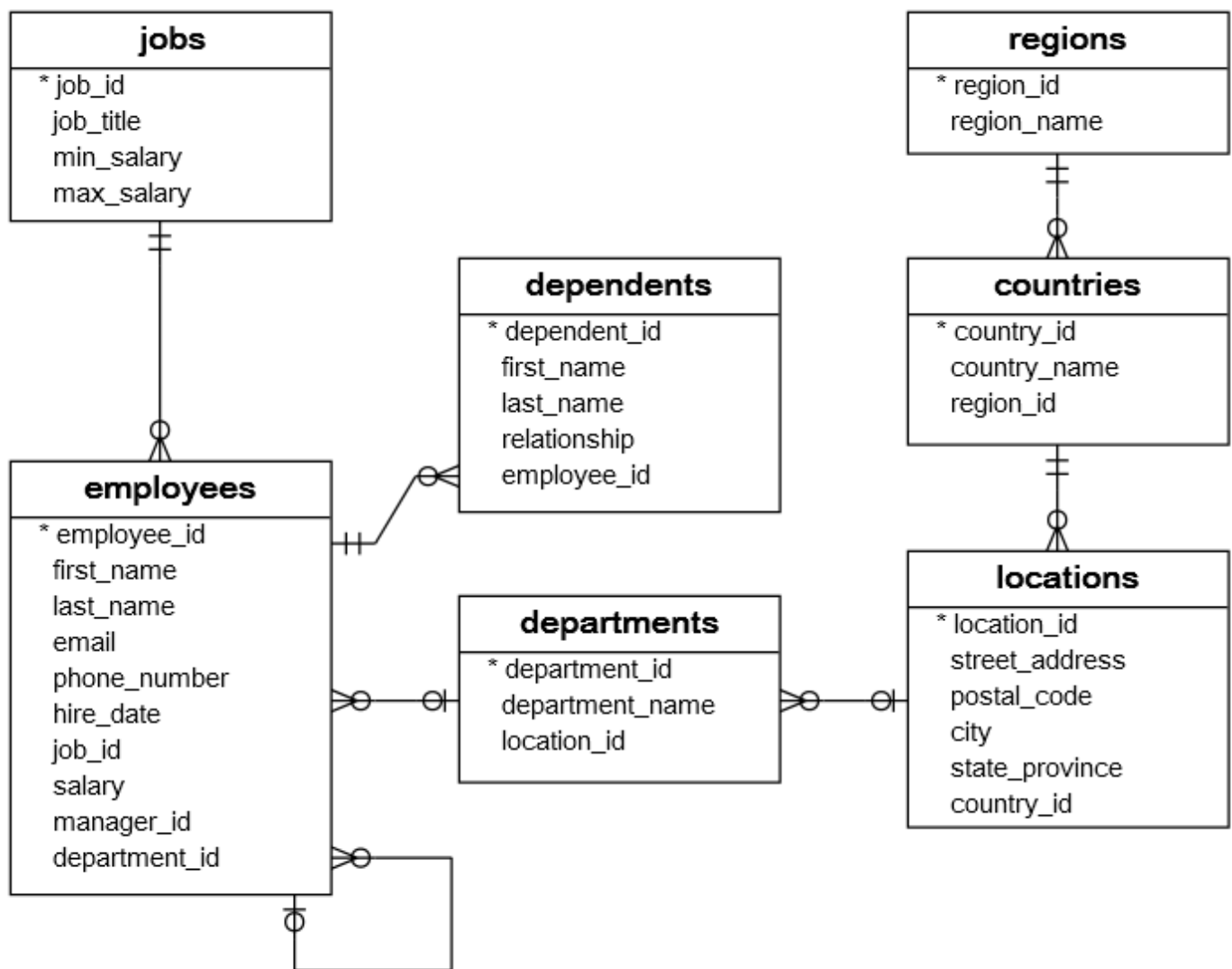
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# ?????? PostgreSQL-????

## ??????

**Summary:** in this tutorial, you will learn about a SQL Sample Database called HR that manages the HR data of the small businesses.

The following database diagram illustrates the HR sample database:



The HR sample database has seven tables:

1. The `employees` table stores the data of employees.
2. The `jobs` table stores the job data including job title and salary range.
3. The `departments` table stores department data.
4. The `dependents` table stores the employee's dependents.
5. The `locations` table stores the location of the departments of the company.

6. The `countries` table stores the data of countries where the company is doing business.
7. The `regions` table stores the data of regions such as Asia, Europe, America, and the Middle East and Africa. The countries are grouped into regions.

The following picture shows the table names and their records.

Table	Rows
employees	40
dependents	30
departments	11
jobs	11
locations	7
countries	25
regions	4

Typically, you need to install a Relational Database Management System (RDBMS) to work with SQL.

The following script creates the HR sample database structure in PostgreSQL:

```
CREATE TABLE regions (  
  region_id SERIAL PRIMARY KEY,  
  region_name CHARACTER VARYING (25)  
);  
  
CREATE TABLE countries (  
  country_id CHARACTER (2) PRIMARY KEY,  
  country_name CHARACTER VARYING (40),  
  region_id INTEGER NOT NULL,  
  FOREIGN KEY (region_id) REFERENCES regions (region_id) ON UPDATE CASCADE ON DELETE CASCADE  
);  
  
CREATE TABLE locations (  
  location_id SERIAL PRIMARY KEY,  
  street_address CHARACTER VARYING (40),  
  postal_code CHARACTER VARYING (12),  
  city CHARACTER VARYING (30) NOT NULL,  
  state_province CHARACTER VARYING (25),  
  country_id CHARACTER (2) NOT NULL,  
  FOREIGN KEY (country_id) REFERENCES countries (country_id) ON UPDATE CASCADE ON DELETE CASCADE
```

```

);

CREATE TABLE departments (
  department_id SERIAL PRIMARY KEY,
  department_name CHARACTER VARYING (30) NOT NULL,
  location_id INTEGER,
  FOREIGN KEY (location_id) REFERENCES locations (location_id) ON UPDATE CASCADE ON DELETE CASCADE
);

CREATE TABLE jobs (
  job_id SERIAL PRIMARY KEY,
  job_title CHARACTER VARYING (35) NOT NULL,
  min_salary NUMERIC (8, 2),
  max_salary NUMERIC (8, 2)
);

CREATE TABLE employees (
  employee_id SERIAL PRIMARY KEY,
  first_name CHARACTER VARYING (20),
  last_name CHARACTER VARYING (25) NOT NULL,
  email CHARACTER VARYING (100) NOT NULL,
  phone_number CHARACTER VARYING (20),
  hire_date DATE NOT NULL,
  job_id INTEGER NOT NULL,
  salary NUMERIC (8, 2) NOT NULL,
  manager_id INTEGER,
  department_id INTEGER,
  FOREIGN KEY (job_id) REFERENCES jobs (job_id) ON UPDATE CASCADE ON DELETE CASCADE,
  FOREIGN KEY (department_id) REFERENCES departments (department_id) ON UPDATE CASCADE ON DELETE CASCADE,
  FOREIGN KEY (manager_id) REFERENCES employees (employee_id) ON UPDATE CASCADE ON DELETE CASCADE
);

CREATE TABLE dependents (
  dependent_id SERIAL PRIMARY KEY,
  first_name CHARACTER VARYING (50) NOT NULL,
  last_name CHARACTER VARYING (50) NOT NULL,
  relationship CHARACTER VARYING (25) NOT NULL,

```

```
    employee_id INTEGER NOT NULL,  
    FOREIGN KEY (employee_id) REFERENCES employees (employee_id) ON DELETE CASCADE ON UPDATE  
    CASCADE  
);
```

The following script allows you to insert data into the tables in PostgreSQL:

```
/*Data for the table regions */
```

```
INSERT INTO regions(region_id,region_name) VALUES (1,'Europe');  
INSERT INTO regions(region_id,region_name) VALUES (2,'Americas');  
INSERT INTO regions(region_id,region_name) VALUES (3,'Asia');  
INSERT INTO regions(region_id,region_name) VALUES (4,'Middle East and Africa');
```

```
/*Data for the table countries */
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('AR','Argentina',2);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('AU','Australia',3);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('BE','Belgium',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('BR','Brazil',2);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('CA','Canada',2);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('CH','Switzerland',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('CN','China',3);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('DE','Germany',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('DK','Denmark',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('EG','Egypt',4);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('FR','France',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('HK','HongKong',3);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('IL','Israel',4);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('IN','India',3);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('IT','Italy',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('JP','Japan',3);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('KW','Kuwait',4);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('MX','Mexico',2);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('NG','Nigeria',4);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('NL','Netherlands',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('SG','Singapore',3);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('UK','United Kingdom',1);  
INSERT INTO countries(country_id,country_name,region_id) VALUES ('US','United States of  
America',2);
```

```
INSERT INTO countries(country_id,country_name,region_id) VALUES ('ZM','Zambia',4);
INSERT INTO countries(country_id,country_name,region_id) VALUES ('ZW','Zimbabwe',4);
```

```
/*Data for the table locations */
```

```
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1400,'2014 Jabberwocky Rd','26192','Southlake','Texas','US');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1500,'2011 Interiors Blvd','99236','South San Francisco','California','US');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1700,'2004 Charade Rd','98199','Seattle','Washington','US');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (1800,'147 Spadina Ave','M5V 2L7','Toronto','Ontario','CA');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (2400,'8204 Arthur St',NULL,'London',NULL,'UK');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (2500,'Magdalen Centre, The Oxford Science Park','OX9 9ZB','Oxford','Oxford','UK');
INSERT INTO locations(location_id,street_address,postal_code,city,state_province,country_id)
VALUES (2700,'Schwanthalerstr. 7031','80925','Munich','Bavaria','DE');
```

```
/*Data for the table jobs */
```

```
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (1,'Public
Accountant',4200.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (2,'Accounting
Manager',8200.00,16000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (3,'Administration
Assistant',3000.00,6000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES
(4,'President',20000.00,40000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (5,'Administration Vice
President',15000.00,30000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES
(6,'Accountant',4200.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (7,'Finance
Manager',8200.00,16000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (8,'Human Resources
Representative',4000.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES
(9,'Programmer',4000.00,10000.00);
```

```

INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (10,'Marketing
Manager',9000.00,15000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (11,'Marketing
Representative',4000.00,9000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (12,'Public Relations
Representative',4500.00,10500.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (13,'Purchasing
Clerk',2500.00,5500.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (14,'Purchasing
Manager',8000.00,15000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (15,'Sales
Manager',10000.00,20000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (16,'Sales
Representative',6000.00,12000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (17,'Shipping
Clerk',2500.00,5500.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (18,'Stock
Clerk',2000.00,5000.00);
INSERT INTO jobs(job_id,job_title,min_salary,max_salary) VALUES (19,'Stock
Manager',5500.00,8500.00);

```

/\*Data for the table departments \*/

```

INSERT INTO departments(department_id,department_name,location_id) VALUES
(1,'Administration',1700);
INSERT INTO departments(department_id,department_name,location_id) VALUES
(2,'Marketing',1800);
INSERT INTO departments(department_id,department_name,location_id) VALUES
(3,'Purchasing',1700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (4,'Human
Resources',2400);
INSERT INTO departments(department_id,department_name,location_id) VALUES (5,'Shipping',1500);
INSERT INTO departments(department_id,department_name,location_id) VALUES (6,'IT',1400);
INSERT INTO departments(department_id,department_name,location_id) VALUES (7,'Public
Relations',2700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (8,'Sales',2500);
INSERT INTO departments(department_id,department_name,location_id) VALUES
(9,'Executive',1700);
INSERT INTO departments(department_id,department_name,location_id) VALUES (10,'Finance',1700);

```

```
INSERT INTO departments(department_id,department_name,location_id) VALUES
(11,'Accounting',1700);
```

```
/*Data for the table employees */
```

```
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(100,'Steven','King','steven.king@sqltutorial.org','515.123.4567','1987-06-
17',4,24000.00,NULL,9);
```

```
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(101,'Neena','Kochhar','neena.kochhar@sqltutorial.org','515.123.4568','1989-09-
21',5,17000.00,100,9);
```

```
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (102,'Lex','De Haan','lex.de
haan@sqltutorial.org','515.123.4569','1993-01-13',5,17000.00,100,9);
```

```
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(103,'Alexander','Hunold','alexander.hunold@sqltutorial.org','590.423.4567','1990-01-
03',9,9000.00,102,6);
```

```
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(104,'Bruce','Ernst','bruce.ernst@sqltutorial.org','590.423.4568','1991-05-
21',9,6000.00,103,6);
```

```
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(105,'David','Austin','david.austin@sqltutorial.org','590.423.4569','1997-06-
25',9,4800.00,103,6);
```

```
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(106,'Valli','Pataballa','valli.pataballa@sqltutorial.org','590.423.4560','1998-02-
```



```

05',9,4800.00,103,6);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(107,'Diana','Lorentz','diana.lorentz@sqltutorial.org','590.423.5567','1999-02-
07',9,4200.00,103,6);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(108,'Nancy','Greenberg','nancy.greenberg@sqltutorial.org','515.124.4569','1994-08-
17',7,12000.00,101,10);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(109,'Daniel','Faviet','daniel.faviet@sqltutorial.org','515.124.4169','1994-08-
16',6,9000.00,108,10);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (110,'John','Chen','john.chen@sqltutorial.org','515.124.4269','1997-
09-28',6,8200.00,108,10);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(111,'Ismael','Sciarra','ismael.sciarra@sqltutorial.org','515.124.4369','1997-09-
30',6,7700.00,108,10);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (112,'Jose Manuel','Urman','jose
manuel.urman@sqltutorial.org','515.124.4469','1998-03-07',6,7800.00,108,10);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (113,'Luis','Popp','luis.popp@sqltutorial.org','515.124.4567','1999-
12-07',6,6900.00,108,10);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(114,'Den','Raphaely','den.raphaely@sqltutorial.org','515.127.4561','1994-12-
07',14,11000.00,100,3);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_

```

```
id,department_id) VALUES
(115,'Alexander','Khoo','alexander.khoo@sqltutorial.org','515.127.4562','1995-05-
18',13,3100.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(116,'Shelli','Baida','shelli.baida@sqltutorial.org','515.127.4563','1997-12-
24',13,2900.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(117,'Sigal','Tobias','sigal.tobias@sqltutorial.org','515.127.4564','1997-07-
24',13,2800.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(118,'Guy','Himuro','guy.himuro@sqltutorial.org','515.127.4565','1998-11-
15',13,2600.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(119,'Karen','Colmenares','karen.colmenares@sqltutorial.org','515.127.4566','1999-08-
10',13,2500.00,114,3);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(120,'Matthew','Weiss','matthew.weiss@sqltutorial.org','650.123.1234','1996-07-
18',19,8000.00,100,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(121,'Adam','Fripp','adam.fripp@sqltutorial.org','650.123.2234','1997-04-
10',19,8200.00,100,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(122,'Payam','Kaufling','payam.kaufling@sqltutorial.org','650.123.3234','1995-05-
01',19,7900.00,100,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
```

```

id,department_id) VALUES
(123,'Shanta','Vollman','shanta.vollman@sqltutorial.org','650.123.4234','1997-10-
10',19,6500.00,100,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(126,'Irene','Mikkilineni','irene.mikkilineni@sqltutorial.org','650.124.1224','1998-09-
28',18,2700.00,120,5);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (145,'John','Russell','john.russell@sqltutorial.org',NULL,'1996-10-
01',15,14000.00,100,8);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (146,'Karen','Partners','karen.partners@sqltutorial.org',NULL,'1997-
01-05',15,13500.00,100,8);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(176,'Jonathon','Taylor','jonathon.taylor@sqltutorial.org',NULL,'1998-03-
24',16,8600.00,100,8);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(177,'Jack','Livingston','jack.livingston@sqltutorial.org',NULL,'1998-04-
23',16,8400.00,100,8);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(178,'Kimberely','Grant','kimberely.grant@sqltutorial.org',NULL,'1999-05-
24',16,7000.00,100,8);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(179,'Charles','Johnson','charles.johnson@sqltutorial.org',NULL,'2000-01-
04',16,6200.00,100,8);
INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(192,'Sarah','Bell','sarah.bell@sqltutorial.org','650.501.1876','1996-02-

```

```

04',17,4000.00,123,5);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(193,'Britney','Everett','britney.everett@sqltutorial.org','650.501.2876','1997-03-
03',17,3900.00,123,5);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(200,'Jennifer','Whalen','jennifer.whalen@sqltutorial.org','515.123.4444','1987-09-
17',3,4400.00,101,1);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(201,'Michael','Hartstein','michael.hartstein@sqltutorial.org','515.123.5555','1996-02-
17',10,13000.00,100,2);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES (202,'Pat','Fay','pat.fay@sqltutorial.org','603.123.6666','1997-08-
17',11,6000.00,201,2);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(203,'Susan','Mavris','susan.mavris@sqltutorial.org','515.123.7777','1994-06-
07',8,6500.00,101,4);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(204,'Hermann','Baer','hermann.baer@sqltutorial.org','515.123.8888','1994-06-
07',12,10000.00,101,7);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(205,'Shelley','Higgins','shelley.higgins@sqltutorial.org','515.123.8080','1994-06-
07',2,12000.00,101,11);

INSERT INTO
employees(employee_id,first_name,last_name,email,phone_number,hire_date,job_id,salary,manager_
id,department_id) VALUES
(206,'William','Gietz','william.gietz@sqltutorial.org','515.123.8181','1994-06-
07',1,8300.00,205,11);

```

```
/*Data for the table dependents */
```

```
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(1,'Penelope','Gietz','Child',206);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(2,'Nick','Higgins','Child',205);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(3,'Ed','Whalen','Child',200);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(4,'Jennifer','King','Child',100);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(5,'Johnny','Kochhar','Child',101);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(6,'Bette','De Haan','Child',102);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(7,'Grace','Faviet','Child',109);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(8,'Matthew','Chen','Child',110);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(9,'Joe','Sciarra','Child',111);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(10,'Christian','Urman','Child',112);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(11,'Zero','Popp','Child',113);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(12,'Karl','Greenberg','Child',108);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(13,'Uma','Mavris','Child',203);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(14,'Vivien','Hunold','Child',103);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(15,'Cuba','Ernst','Child',104);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(16,'Fred','Austin','Child',105);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(17,'Helen','Pataballa','Child',106);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(18,'Dan','Lorentz','Child',107);
```

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INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(19,'Bob','Hartstein','Child',201);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(20,'Lucille','Fay','Child',202);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(21,'Kirsten','Baer','Child',204);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(22,'Elvis','Khoo','Child',115);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(23,'Sandra','Baia','Child',116);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(24,'Cameron','Tobias','Child',117);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(25,'Kevin','Himuro','Child',118);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(26,'Rip','Colmenares','Child',119);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(27,'Julia','Raphaely','Child',114);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(28,'Woody','Russell','Child',145);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(29,'Alec','Partners','Child',146);
INSERT INTO dependents(dependent_id,first_name,last_name,relationship,employee_id) VALUES
(30,'Sandra','Taylor','Child',176);
```