

# Data Engineering (sql-challenge) Documentation

Link to schema: https://app.quickdatabasediagrams.com/#/d/50VMuz

## employees

| Field        | Description | Туре       | Default | Other |
|--------------|-------------|------------|---------|-------|
| emp_no       |             | int        |         | PK    |
| emp_title_id |             | VARCHAR(5) |         | FK    |
| birth_date   |             | DATE       |         |       |
| first_name   |             | VARCHAR    |         |       |
| last_name    |             | VARCHAR    |         |       |
| sex          |             | VARCHAR(1) |         |       |
| hire_date    |             | DATE       |         |       |

### departments

| Field     | Description | Туре       | Default | Other |
|-----------|-------------|------------|---------|-------|
| dept_no   |             | VARCHAR(4) |         | PK    |
| dept_name |             | VARCHAR    |         |       |

### dept\_emp

| Field   | Description | Туре       | Default | Other  |
|---------|-------------|------------|---------|--------|
| emp_no  |             | int        |         | PK, FK |
| dept_no |             | VARCHAR(4) |         | PK, FK |

## dept\_manager

| Field   | Description | Туре       | Default | Other  |
|---------|-------------|------------|---------|--------|
| dept_no |             | VARCHAR(4) |         | PK, FK |
| emp_no  |             | int        |         | PK, FK |

#### salaries

| Field  | Description | Туре | Default | Other  |
|--------|-------------|------|---------|--------|
| emp_no |             | int  |         | PK, FK |
| salary |             | int  |         |        |

#### titles

| Field    | Description | Туре       | Default | Other |
|----------|-------------|------------|---------|-------|
| title_id |             | VARCHAR(5) |         | PK    |
| title    |             | VARCHAR    |         |       |