

Diagram Documentation

Data Modeling for Employees Database

departments

Field	Description	Type	Default	Other
dept_no	dept_no - primary key, also found in dept_emp and dept_manager list	VARCHAR		PK
dept_name	department names	VARCHAR		

titles

Field	Description	Type	Default	Other
title_id	title_id - primary key, also found in employees as emp_title_id	VARCHAR		PK
title	List of titles	VARCHAR		

employees

Field	Description	Type	Default	Other
emp_no	emp_no - primary key also found in dept_emp, dept_manager and salaries list	INT		PK
emp_title_id	employees has a title id employees(emp_title_id), this id has relationship with the composite foreign key titles(title_id)	VARCHAR		FK
birth_date	employees birth date	DATE		
first_name	employees first name	VARCHAR		
last_name	employees last name	VARCHAR		
sex	employees sex	VARCHAR		
hire_date	employees hired date	DATE		

dept_emp

Field	Description	Type	Default	Other
emp_no	emp_no in dept_emp list which shares a unique key with employees(emp_no)	INT		FK
dept_no	dept_no in dept_emp list which shares a unique key with dept_emp(dept_no)	VARCHAR		FK

dept_manager

Field	Description	Type	Default	Other
dept_no	dept_no in dept_manager list and also shares a unique key with dept_emp(dept_no)	VARCHAR		FK
emp_no	emp_no in dept_mangager list which shares a unique key with employees(emp_no)	INT		FK

salaries

Field	Description	Type	Default	Other
emp_no	emp_no in salaries which shares unique keys with employees(emp_no)	INT		FK
salary	employees salaries	INT		