

Diagram Documentation

employees

list of all employees with personal data

Field	Description	Type	Default	Other
emp_no	emp_no is the target value for titles, salaries, dept_emp, and dept_manager values	int		PK
birth_date		date		
first_name		varchar(50)		
last_name		varchar(50)		
gender		varchar(5)		
hire_date		date		

titles

title histories for each employee, without PK because employee titles may repeat

Field	Description	Type	Default	Other
emp_no	has foreign key to the employees table	int		FK
title		varchar(50)		
from_date		date		
to_date		date		

salaries

salary histories for each employee, without PK because employee salaries may repeat

Field	Description	Type	Default	Other
emp_no	has foreign key to the employees table	int		FK
salary		money		
from_date		date		
to_date		date		

departments

list of all departments with name

Field	Description	Type	Default	Other
dept_no	emp_no is the target value for dept_emp and dept_manager values	varchar(10)		PK
dept_name		varchar(50)		

dept_emp

department history for each employee, without PK because employee assignments may repeat

Field	Description	Type	Default	Other
emp_no	has foreign key to the employees table	int		FK
dept_no	has foreign key to the departments table	varchar(10)		FK
from_date		date		
to_date		date		

dept_manager

department history for each manager, without PK because manager assignments may repeat

Field	Description	Type	Default	Other
dept_no	has foreign key to the departments table	varchar(10)		FK
emp_no	has foreign key to the employees table	int		FK
from_date		date		
to_date		date		