Diagram Documentation
Data Modeling for Employees database

employees

Field	Description	Type	Default	Other
emp_no	emp_no is a primary key, also found in dept_manager, dept_emp, and salaries	INT		PK
emp_title_id	each employee has a title id	VARCHAR		FK
birth_date		DATE		
first_name		VARCHAR		
last_name		VARCHAR		
sex		VARCHAR		
hire_date		DATE		

departments

Field	Description	Type	Default	Other
dept_no	dept_no is a primary key, also found in dept_manager and dept_emp	VARCHAR		PK
dept_name		VARCHAR		

dept_manager

Field	Description	Type	Default	Other
dept_no	dept_no from departments is a primary as well as foreign key for dept_manager	VARCHAR		PK, FK
emp_no	emp_no from employees is a foreign Key for dept_manager	INT		PK, FK

dept_emp

Field	Description	Type	Default	Other
emp_no	emp_no from employees is a primary as well as Foreign Key for dept_emp	INT		PK, FK
dept_no	dept_no from departments is a primary as well as foreign key for dept_emp	VARCHAR		PK, FK

titles

Field	Description	Type	Default	Other
title_id	title_id is a primary key, also found in employees as emp_title_id	VARCHAR		PK

Field	Description	Type	Default	Other
title		VARCHAR		

salaries

Field	Description	Type	Default	Other
emp_no	emp_no from employees is a primary key	INT		PK, FK
salary		INT		