QuickDBD

Pewlett Hackard Entity Relationship Diagram (ERD) Documentation
SQL Challenge - University of Toronto Data Analytics Boot Camp

Department

Field	Description	Type	Other
dept_no	Department Number "Primary Keys, A FIXED length string e.g., d001"	CHAR (4)	PK
dept_name	Department Name "A VARIABLE length string e.g., Marketing"	VARCHAR (30)	

Department Employees

Field	Description	Type	Other
emp_no	Employees Number "Foreign Keys, Share unique keys with Employees.emp_no one TO one"	INT	FK
dept_no	Department Number "Foreign Keys, Share unique keys with Department.dept_no many TO one"	CHAR (4)	FK

Department Managers

Field	Description	Type	Other
emp_no	Employees Number "Foreign Keys, Share unique keys with Employees.emp_no many TO one"	INT	FK
dept_no	Department Number "Foreign Keys, Share unique keys with Department.dept_no many TO one"	CHAR (4)	FK

Salaries

Field	Description	Type	Other
emp_no	Employees Number "Foreign Keys, Share unique keys with Employees.emp_no one TO one"	INT	FK
salary	Employees salary "Integer e.g., 54916"	INT	

Employees

Field	Description	Type	Other
emp_no	Employees Number "Primary Keys, Integer e.g., 475053"	INT	PK
emp_title_id	Employees title ID "Foreign Keys, Share unique keys with Titles.title_id many TO one"	CHAR (5)	FK
birth_date	Employees date of birth "A date. Format: MM/DD/YYYY"	DATE	
first_name	Employees first name "A VARIABLE length string e.g., Berry"	VARCHAR (255)	
last_name	Employees first name "A VARIABLE length string e.g., Babb"	VARCHAR (255)	
sex	Employees gender "A string e.g., M"	CHAR (1)	
hire_date	Employees hiring date "A date. Format: MM/DD/YYYY"	DATE	

Titles

Field	Description	Type	Other
title_id	Employees title ID "Primary Keys, A FIXED length string e.g., e0002"	CHAR (5)	PK
title	Employees title Name "A VARIABLE length string e.g., Technique Leader"	VARCHAR (30)	