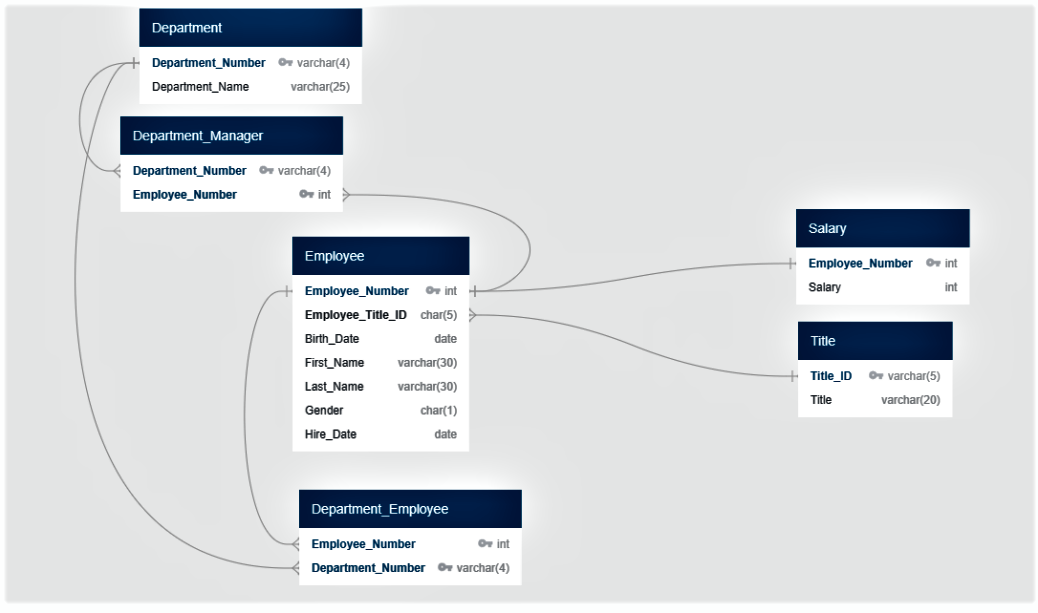
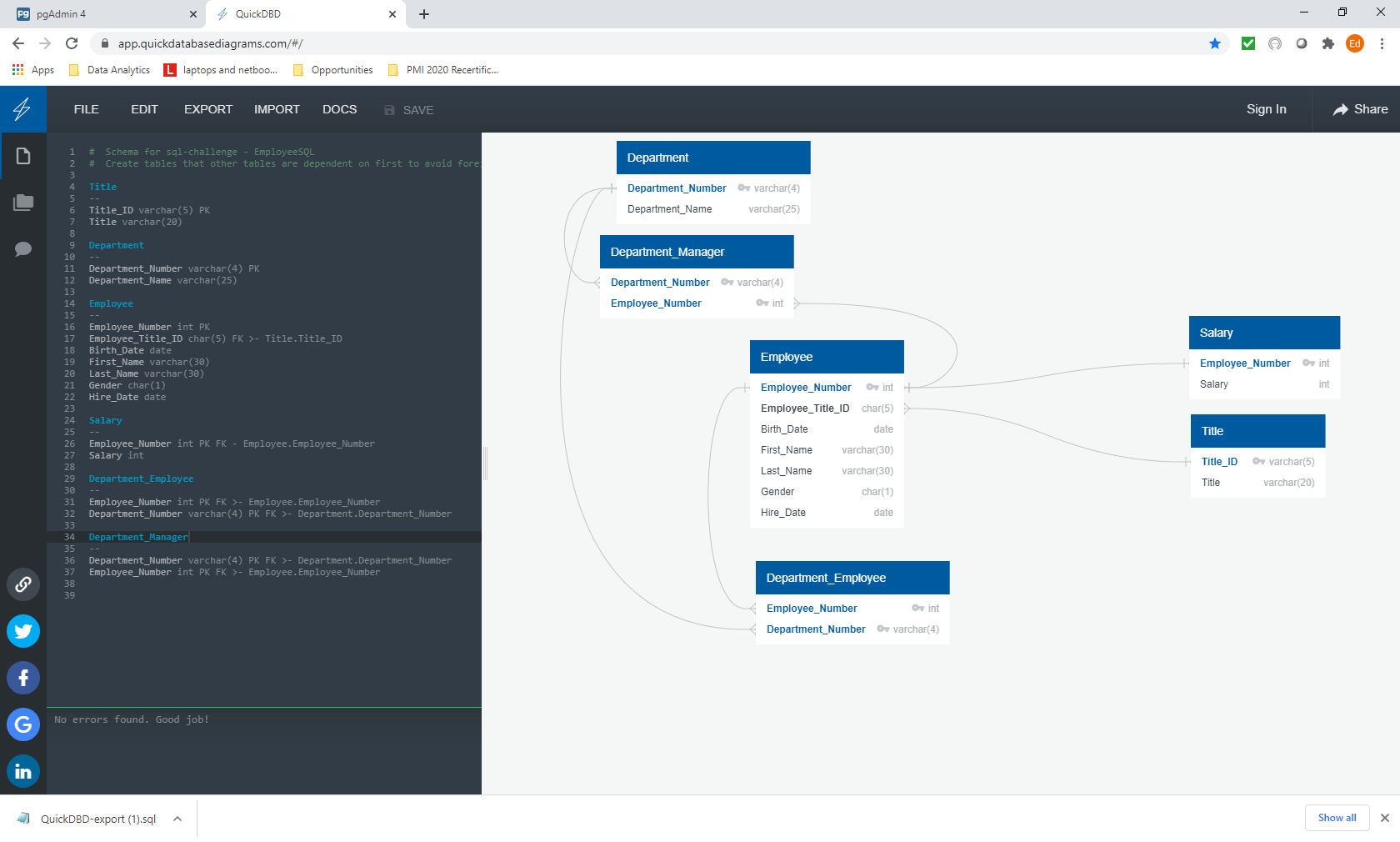
**ScreenShot of quickdatabasediagrams.com output (note: full screenshot at end of this document)**

**ERD Portion**



(Next pages – code screen and copy paste of code)

**Code Portion**



**CODE to Generate the Diagram above**

# Schema for sql-challenge - EmployeeSQL

# Create tables that other tables are dependent on first to avoid foreign key creation in dependent tables

Title

--

Title\_ID varchar(5) PK

Title varchar(20)

Department

--

Department\_Number varchar(4) PK

Department\_Name varchar(25)

Employee

--

Employee\_Number int PK

Employee\_Title\_ID char(5) FK >- Title.Title\_ID

Birth\_Date date

First\_Name varchar(30)

Last\_Name varchar(30)

Gender char(1)

Hire\_Date date

Salary

--

Employee\_Number int PK FK - Employee.Employee\_Number

Salary int

Department\_Employee

--

Employee\_Number int PK FK >- Employee.Employee\_Number

Department\_Number varchar(4) PK FK >- Department.Department\_Number

Department\_Manager

--

Department\_Number varchar(4) PK FK >- Department.Department\_Number

Employee\_Number int PK FK >- Employee.Employee\_Number

**Full Screen Shot – all components**

