

Get some practice by designing an ERD

It's your turn!

To get some practice, do the following exercise step by step. Once you are finished, you can compare your work with an example I made earlier.

You're ready to design an employee database!

You've been hired as a freelancer by a company of 50 employees to design a logical database model.

Create a single ERD to design a database with the following tables:

- **Employee** (with all contact information plus an attribute referencing)
- **Department** (DepartmentID, DepartmentName, etc)
- **Customers** (Similar contact information as Employee)
- **Dependents** (this would be the dependents of the employee, so include the attributes EmployeeID)

Define the tables (Entities), attributes, data types, and any default data. Also indicate the primary and foreign keys.

Optionally, you can set up a free account with [Lucid Chart](#) to easily construct your ERD.

Good luck! 🤓

Check your work!

Are you done? Sure? Then take a look at [the example following this link](#) to see how you got on!

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