

# CREATING TABLES

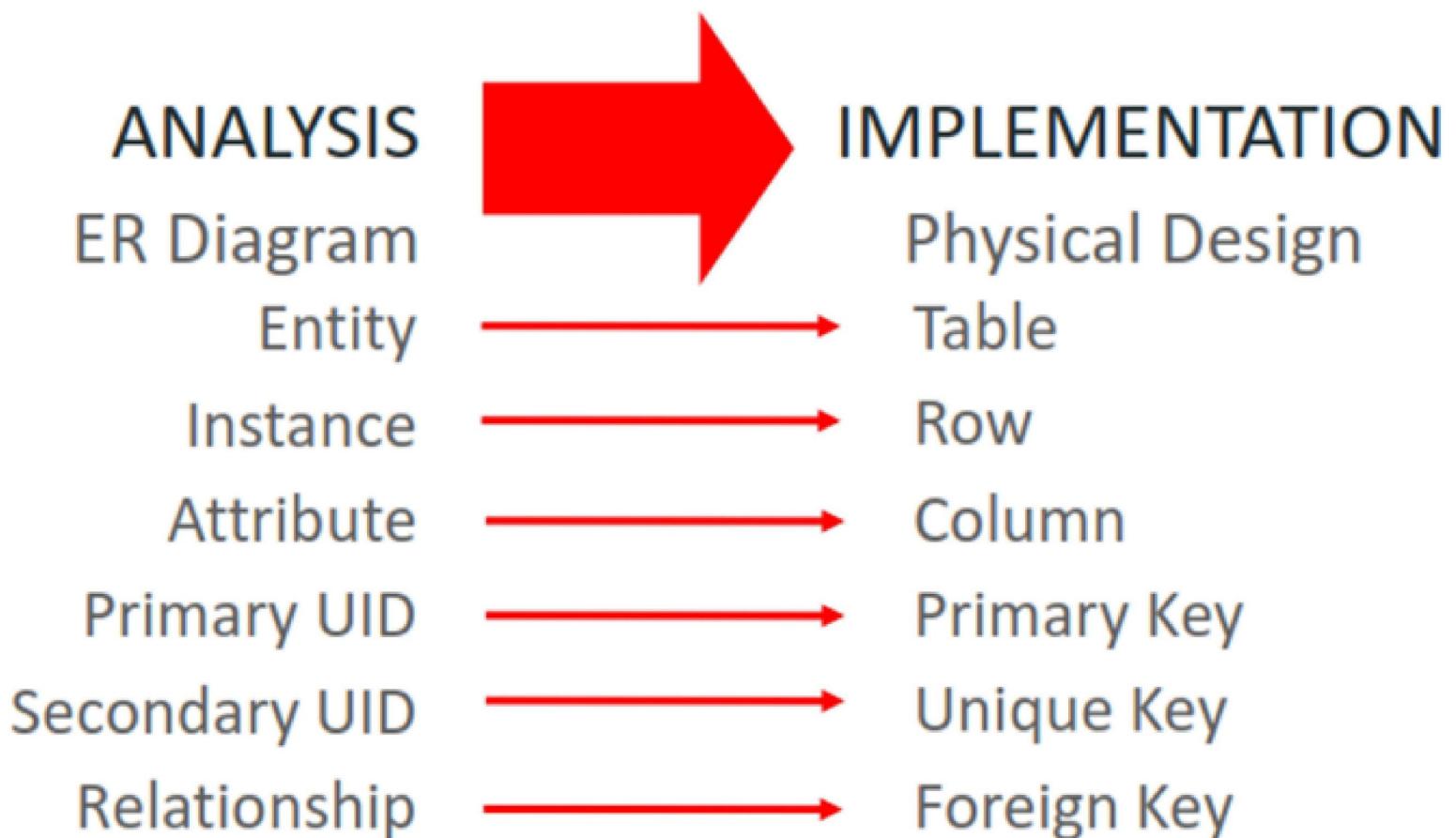
P R E P A R E D   B Y :   L U I S   M E I N G



# Review

- Your conceptual models can be physical models
- In the case of information management, it is your ERDs and your tables

# Terminology Mapping

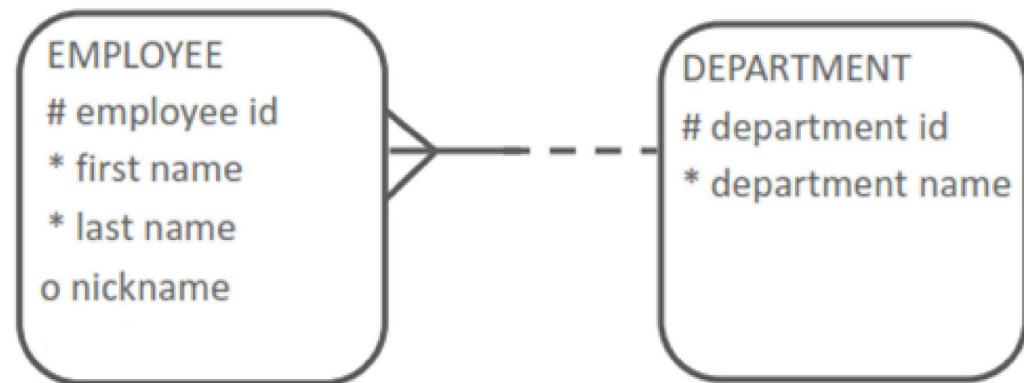
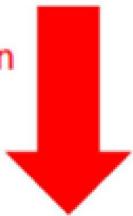


## 1.1 Review

# Transforming Conceptual To Physical

Conceptual Model (ERD)

Transformation  
process



Physical Implementation: Relational Database

EMPLOYEES (EPE)		
Key type	Optionality	Column name
pk	*	employee_id
	*	last_name
	*	first_name
	o	nickname
fk	*	department_id

DEPARTMENTS (DPT)		
Key type	Optionality	Column name
pk	*	department_id
	*	department_name

## 1.1 Review



### Employee

employee_id	first_name	last_name	nickname
1	John Michael	Doe	Jm
2	Robert	Luna	
3	Davidson	Reindhart	David
4	Betty	Doe	



# Creating your table

- we use the 'CREATE TABLE' command
- syntax:

```
CREATE TABLE <table_name>(  
    <column_1> <data_type> (<max_amount>),  
    <column_2> <data_type> (<max_amount>),  
    ...  
    <column_n> <data_type> (<max_amount>)  
)
```