

Data Engineering Project

ERD & Schema Diagram

ERD (Entity Relationship Diagram)

Entities:

- User
- Company
- Address
- Geo

Relationships:

- Company (1) — (M) User
- User (1) — (1) Address
- Address (1) — (1) Geo

Database Schema

USERS

Column	Data Type	Key
id	INT	PK
name	VARCHAR(100)	
username	VARCHAR(50)	
email	VARCHAR(100)	
phone	VARCHAR(50)	
website	VARCHAR(100)	
company_id	INT	FK

COMPANIES

Column	Data Type	Key
company_id	INT	PK
name	VARCHAR(100)	
catch_phrase	VARCHAR(150)	
bs	VARCHAR(150)	

ADDRESSES

Column	Data Type	Key
address_id	INT	PK
street	VARCHAR(100)	
suite	VARCHAR(50)	
city	VARCHAR(100)	
zipcode	VARCHAR(20)	
user_id	INT	FK

GEO

Column	Data Type	Key
geo_id	INT	PK
lat	DECIMAL(9,6)	
lng	DECIMAL(9,6)	
address_id	INT	FK