

# ezyVet Data Engineer Practical Task Brief

## Objective:

Write a simple script to pipe data from the attached CSV into the MySQL tables provided

## Supplied:

CSV should be attached inside ZIP

Database tables provided

## Requirements:

- All data from the CSV must be processed into the provided tables.
- Data must be sanitized to be safely inserted
- Data must be consistent when exported as is when imported.
- First and Last names must have the first letter capitalized.
- Business Names must have acronyms be capitalized.
- Mobile numbers must have a 64 prefixed
- Landline numbers must have 09 prefixed
- The `contact\_id` field in the address and phone tables must match to an existing record with the same value in the `id` field of the contact table
- You can use any language for any code that is written. Preferably use PHP 7.0 where possible.
- MySQL 5.7 is to be used

This task should take 1-2 hours max.

## Database Table List:

```
CREATE TABLE contact (  
    id INT(11) NOT NULL AUTO_INCREMENT,  
    title ENUM('Mr', 'Mrs', 'Miss', 'Ms', 'Dr'),  
    first_name VARCHAR(64),  
    last_name VARCHAR(64),  
    company_name VARCHAR(64),  
    date_of_birth DATETIME,  
    notes VARCHAR(255),  
    PRIMARY KEY(id)  
);  
  
CREATE TABLE address (  
    id INT(11) NOT NULL AUTO_INCREMENT,  
    contact_id INT(11) NOT NULL,  
    street1 VARCHAR(100),  
    street2 VARCHAR(100),  
    suburb VARCHAR(64),  
    city VARCHAR(64),  
    post_code VARCHAR(16),  
    PRIMARY KEY(id)  
);  
  
CREATE TABLE phone (  
    id INT(11) NOT NULL AUTO_INCREMENT,  
    contact_id INT(11) NOT NULL,  
    name VARCHAR(64),  
    content VARCHAR(64),  
    type ENUM('Home', 'Work', 'Mobile', 'Other'),  
    PRIMARY KEY(id)  
);
```