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)

);