

# Django Software developer test

Package your answers (code/db dumps) into folders and load them onto github or bitbucket or gitlab.

All that will be required is a link to your working code

## Question one (Python test)

Using pure python write an application that reads [this data](#) and performs the following analysis

- Find the farmers with the highest and lowest Total biomass Fwt (kg)
- Sorts the list in ascending order by Harvesting date
- Find the average No of plants harvest

## Question two (SQL test)

Load the data from question one into a postgres database and using sql, perform the same analysis by creating views of the same.

## Question three (Django test)

Using django create a simple web app that allows a user to login/signup and fill out a feedback form.

The feedback data should only be viewed by an admin/superuser who can then export the data to into a csv. The required fields are

- Name (automatically loaded from user object)
- Phone number (validation is key here)
- Neighbourhood - A drop down with a list of hoods
- Rating - Choice fields from 1 to 5
- Comments - text area field

For this test use

- Django 1.11
- Python 3
- PostgreSQL 9.5
- Twitter Bootstrap v3 (css and Javascript)
- Any other python/javascript libraries that you find relevant