**Odoo**

Both server and client extensions are packaged as modules which are optionally loaded in a database. A module is a collection of functions and data that target a single purpose.

Everything in Odoo starts and ends with modules.

The main user-facing modules are flagged and exposed as Apps, but a majority of the modules aren’t Apps.

**Business objects**

A business object (e.g. an invoice) is declared as a Python class. The fields defined in these classes are automatically mapped to database columns thanks to the ORM layer.

Object views

* Define UI display

Data files

XML or CSV files declaring the model data:

* views or reports,
* configuration data (modules parametrization, security rules),
* demonstration data

and more

Web controllers

* Handle requests from web browsers

Each module is a directory within a module directory. Module directories are specified by using the **--addons-path** option.

Login Roles for use **odoo** is password: 123

python odoo-bin --help for help

python odoo-bin -d odoo-tut -r odoo -w 123

Master password: 995v-mtaq-6bna

* Activate developer mode when you click app and go to settings.

python odoo-bin -d odoo-tut -u estate -r odoo -w 123

psql -U odoo -d oddo-tut -h localhost -p 5432 -W => to access my database

python odoo-bin --addons-path=addons -d odoo-tut -u estate -r odoo -w 123 => update a module

python odoo-bin -c conf/odoo.conf

**Note:**

When performance is important, the CSV format is preferred over the XML format. This is the case in Odoo where loading a CSV file is faster than loading an XML file.

**The action** can be viewed as the link between the menu and the model.

The menu test\_model\_menu\_action is linked to the action test\_model\_action, and the action is linked to the model test\_model. As previously mentioned, the action can be seen as the link between the menu and the model.

<https://www.youtube.com/@OdooMates>

<https://www.youtube.com/playlist?list=PLeJtXzTubzj9J5CpaL1Ry--Lvx-mVZJIW>

<https://www.youtube.com/watch?v=MV_4nyN5hUU&list=PLeJtXzTubzj9J5CpaL1Ry--Lvx-mVZJIW&index=6>