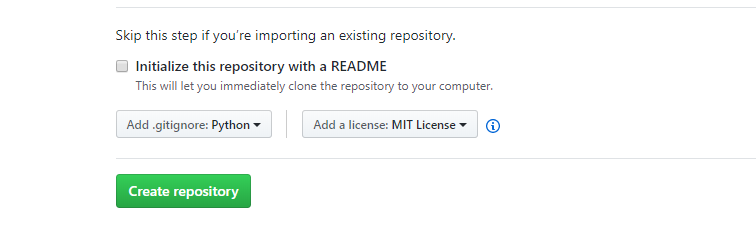
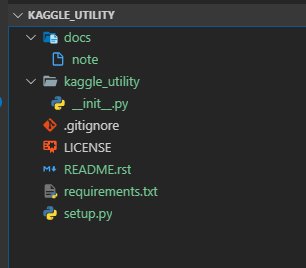
**How to create your own Python Package?**

**If you face any issues, please refer to package docs/note file.**

1. Make a repository on GitHub.
2. Add a license and. gitignore file to that repository.

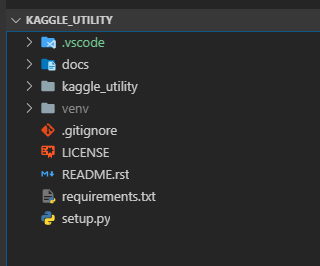


1. Now clone this repository into your local machine.
2. Now, make the package structure by adding these directories and files,

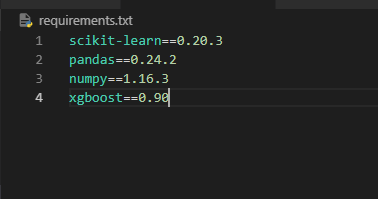


1. Now, make a virtual env using **git\_bash** console as **source** command does not work on **cmd**,

* pip install virtualenv
* virtualenv venv
* source venv/Scripts/activate



1. Specify your dependencies in **requiremens.txt**,



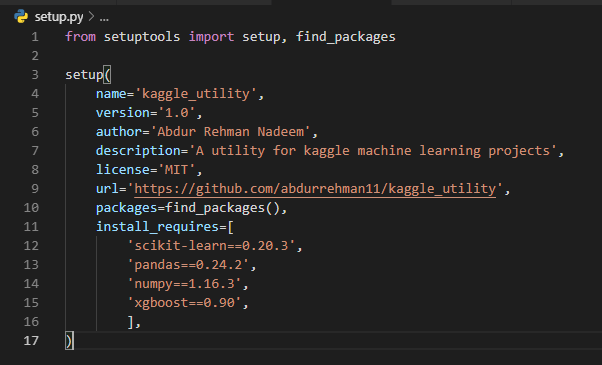
and Now install your dependencies in this env using,

* pip install -r requirements.txt

Make sure to deactivate your env after installing libraries by using,

* deactivate venv

1. Make a **setup.py** file and mention the metadata as,



1. Now register yourself on <https://pypi.org/>
2. Now build your project for deployment as,

python -m pip install --user --upgrade setuptools wheel

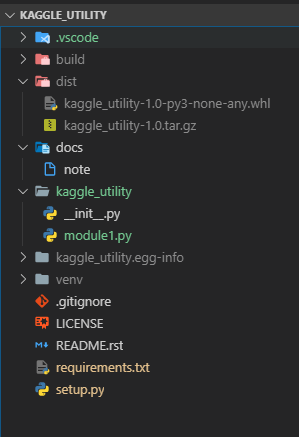
python setup.py sdist bdist\_wheel

After successful running above commands, you will have

dist/

example\_pkg\_your\_username-0.0.1-py3-none-any.whl

example\_pkg\_your\_username-0.0.1.tar.gz



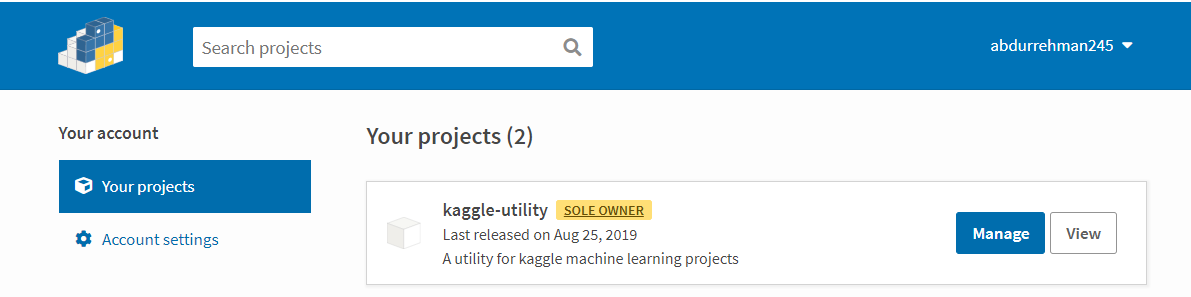
1. Now, upload your project to pypi using these steps,

python -m pip install --user --upgrade twine

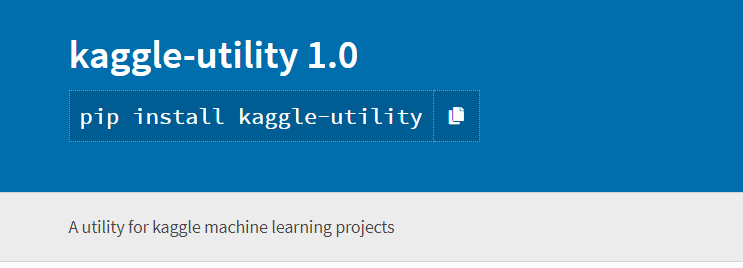
python -m twine upload dist/\*

After entering your correct credentials, your package will be uploaded to <https://pypi.org/manage/projects/>

and will be available globally.



1. To install your package,



1. To upload your future(updated) releases,

* Delete all files in the dist folder.
* Update the version number in the setup.py file.
* Re-create the wheels:

python setup.py sdist bdist\_wheel

* Re-upload the new files:
* python -m twine upload dist/\*

Now, the package has been updated on pypi. To install the latest version of your package,

* pip install [package-name] --upgrade