n this part of the lesson, you'll practice uploading a package to PyPi.

In the **Supporting materials** section of this page, there is a zip file called 5\_exercise\_upload\_to\_pypi.zip . Download and unzip this file.

The Python package is located in the folder 5\_exercise\_upload\_to\_pypi.

You need to create three files:

* setup.cfg
* README.md
* license.txt

You also need to create accounts for the **pypi test repository** and **pypi repository**.

Don't forget to keep your passwords; you'll need to type them into the command line.

Once you have all the files set up correctly, you can use the following commands on the command line. You need to make the name of the package unique, so change the name of the package from distributions to something else. That means changing the information in setup.py and the folder name.

In the terminal, make sure you are in the 5\_exercise\_upload\_to\_pypi directory. If not, navigate there by entering the following at the command line:

cd 5\_exercise\_upload\_to\_pypi

python setup.py sdist

pip install twine

**Commands to upload to the PyPi test repository**

twine upload --repository-url https://test.pypi.org/legacy/ dist/\*

pip install --index-url https://test.pypi.org/simple/ distributions

**Command to upload to the PyPi repository**

twine upload dist/\*

pip install distributions

If you get stuck, rewatch the previous video showing how to upload a package to PyPi.

**Supporting Materials**

* [5 Exercise Upload To Pypi](https://video.udacity-data.com/topher/2021/April/6078620a_5-exercise-upload-to-pypi/5-exercise-upload-to-pypi.zip)

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