**Testing and Validation**

Test your package locally to ensure everything works as expected. You can install it locally using:

bash

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pip install .

Run your tests and verify that all functionalities behave correctly.

**Distribution**

To distribute your package on PyPI, you need a PyPI account. You can register at <https://pypi.org/account/register/>.

**Uploading the Package**

1. **Build the Distribution Package:**

bash

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python setup.py sdist bdist\_wheel

1. **Install Twine (if not installed):**

bash

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pip install twine

1. **Upload to PyPI Test Server (Optional for Testing):**

bash

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

1. **Upload to PyPI Production:**

bash

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twine upload dist/\*

You’ll be prompted for your PyPI credentials during upload.

**Installation**

Users can install your package from PyPI:

bash

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pip install outlier-package