



Deployment of Machine Learning Models

Section 6.8 Notes

Commands

Installing requirements for the package:

(Windows)

```
pip install -r packages\regression_model\requirements.txt
```

(OS X / Linux)

```
pip install -r packages/regression_model/requirements.txt
```

Building the package (make sure you cd to the root directory)

(Windows)

```
python packages\regression_model\setup.py sdist bdist_wheel
```

(OS X / Linux)

```
python packages/regression_model/setup.py sdist bdist_wheel
```

After building the package locally, install it with

(Windows)

```
pip install -e packages\regression_model
```

(OS X / Linux)

```
pip install -e packages/regression_model
```

Once the above steps are complete, you should be able to start the python interpreter and run:

```
import regression_model
```

```
regression_model.__version__
```

Links

Python Packaging User Guide (this is extremely useful):

<https://packaging.python.org/>

Nice talk on Python packaging and the history of PyPI:

“Inside the Cheeseshop: How Python Packaging Works” by Dustin Ingram

<https://www.youtube.com/watch?v=na0hQI5Ep5E>

Setuptools documentation:

<https://setuptools.readthedocs.io/en/latest/>



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Wheel documentation:

<https://wheel.readthedocs.io/en/stable/>