



## Deployment of Machine Learning Models

### Section 6.4 Notes

**\*IMPORTANT\*** in the section 6.4 we change the folder structure. Check that your training data is in the new nested datasets directory:

```
deploying-machine-learning-models\packages\regression_model\regression_model\datasets\
```

**\*IMPORTANT\*** make sure you add the regression\_model parent directory to your Pythonpath (see lecture 5.4b for a guide), so your PYTHONPATH includes

```
UPDATE\WITH\YOUR\deploying-machine-learning-models\packages\regression_model
```

**\*IMPORTANT\*** For the tests to pass, you may need to rerun the training script to ensure the .pkl file is present (be sure to update your Pythonpath first, as detailed above):

```
python packages\regression_model\regression_model\train_pipeline.py
```

### Commands

*Make sure you install pytest first by running:*

```
pip install -r requirements.txt
```

*Run tests on Windows:*

*(Windows)*

```
pytest packages\regression_model\tests -W ignore::DeprecationWarning
```

*(OS X / Linux)*

```
pytest packages/regression_model/tests -W ignore::DeprecationWarning
```

### Links

Pytest documentation:

<https://docs.pytest.org/en/latest/>