



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/>