

FAF.FIA16.1 Spring 2021

Lab 4: Model Deployment

Handed out: February 13, 2021

A happy client is a good client

Your help is needed on Earth. Well not the whole Earth, but the Earth department of “HeinleinAI”. They try to deploy one of their ML models so that it can be accessed by their clients. You are asked to help and show how this is done.

As the example project, you decide to use your last price predicting linear regression model. You’ll first need to register [here](#) for some free virtual earth-bucks to sustain your experimentation (these earthlings – TANSTAAFL!). Following, you’ll need to choose a platform to deploy your model and, well, deploy it there. As proof, you’ll need to show how a client can obtain a prediction from the deployed model. You’ll also need to illustrate a simple CI / CD process. As proof, you’ll need to show that a commit triggers a build and tests to run. If successful, the model should be deployed and served once again.

The management is expecting you to perform and, if successful (and in time), they promise you a promotion as well as a hefty reward.

Reporting

At the end of this lab, you will need to submit your *report* describing what you have done during the lab. The report and link to a publicly available repository with the source code must be uploaded on [Else](#), in the according assignment activity.

Good Luck!