

Predict instructions

We can find instructions on how to get started deploying your regression models on Athena under "Predict"

Instructions to Deploy your Regression Model



Deploying your ML model ensures that it is live and on the web, for you to show to recruiters, friends and family.

1. We have created a [template_repo](#) on GitHub to help you setup your API.
2. You need to **Fork the repo***.
3. Send the URL of your new GitHub repo to your supervisor.
4. While the template provides much of the scaffolding needed to run your API, you must **modify the code** to enable the API to **serve your model developed in Task 1** of the predict.
5. The repo contains instructions on how to setup the API on a local computer, as well as on an EC2 instance. Please follow these instructions carefully.
6. **We will test that your API is functioning as soon as the submission closes.** Marks will be given if an API provides a valid POST response containing a prediction from your own model.

* Forking a repo creates an exact copy of it. The copied repo, or fork, exists separately from the original i.e. changes to the fork don't affect the original repo.



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Within the GitHub repo you will find some files and folders:

api.py - Flask web server app definition and instantiation

model.py - Contains helper functions so that we can separate the model specific code from our API definition

utils/request.py - Simple script to simulate a POST request sent to our API

utils/train_model.py - Code used to train the simple model used for the request demonstration