ASTROSAT

Django Test

The Task

Create a Django application for storing and serving data about NASA facilities.

Facilities data is published by NASA via an API;
https://data.nasa.gov/Management-Operations/NASA-Facilities/gvk9-iz74

The data should be able to be imported into a database. Existing facilities do not need to be updated but newly added facilities should be imported to the application. The importer should be capable of being run automatically on a schedule.

Admin users should be able to edit existing facilities, but not delete them or add new ones, via the Django admin console.

The application should provide an API endpoint to serve the facilities data in JSON format. Users do not need to be authenticated to access the API endpoint and only "active" facilities should be included.

Submission

Any installations required for libraries, etc. should be done in a Python virtual environment. All required setup, including virtual environments, databases etc., should be achieved via a single script; **setup.sh**

The application should be built to run on vanilla Ubuntu 16.04.

This task shouldn't take much more than 4 hours. Please submit your code in a zip file or a by a link to a publicly accessible URL.