

# Liberty Global - Technology Data Services / Data Automation Technical Assessment

## Is it Friday Yet ? (estimate: 1h)

### Create a REST Backend

Create a REST API Python application that returns if *it is Friday yet*.

```
# On a Friday
$ curl http://localhost:5000
It is friday !
```

```
# On a non-Friday
$ curl http://localhost:5000
It is not friday yet :(
```

The project has to follow the below instructions:

- Make use of Poetry for dependencies
- Use ruff as a Python Linter
- Use pre-commit
  - Integrate ruff inside pre-commit
- Use Flask as backend

### Continuous-Integration

Once the REST API is set and properly written, it is expected to be packaged as a Docker image.

- Provide a best-effort Jenkinsfile for the CI/CD
  - Make sure to re-run **pre-commit** steps as a double-check
  - When we are on master branch or a tag, build the container and push it to **\$DOCKER\_REGISTRY**.
  - The Docker tag should be **master** or **1.0.0** if a git tag is **1.0.0**

*Best-Effort means that the Jenkinsfile doesn't necessary have to run correctly. Don't bother with any KubernetesPod file, **container** or **node** statement. Just issue the command you would run*

### Deliverable

Everything should be committed to a public GitHub repository. Any additional good practice is welcomed.