**Deploying to a Platform as a Service (Heroku)**

**Introduction**

* Plataform as a Service:
  + We will deploy to a platform as a service
  + We will have GitHub and our data

**Heroku Account Creation**

* We created a Heroku account
* We installed Heroku CLI (Command Line Interface)

**Heroku Config**

* ProductionConfig was added because it contains some important environment variables for Heroku like specifying the PORT
* We are deploying the ml\_api to Heroku, so we only want to install the requirements for the ml\_api
* Gunicorn is a Python WSGI HTTP Server for UNIX
  + WSGI stands for Web Server Gateway Interface which specifies how a web server communicates with web applications
  + The Flask debugging application server is not suitable for use in production, we need a specialized web server, so Gunicorn comes to help
  + Gunicorn is also the web server that Heroku works with
* *heroku git:remove -a udemy-ml-api-hs* pushes to Heroku in the same way we push to GitHub

**Testing the Deployment Manually**

* --header… allows us to use a json content type