**VIA Home Exercise for DevOps:**

We are excited to hear you are interested in a role at VIA! We think it is important for applicants to have a chance to explore a tangible example of a typical challenge they may face in the role they are applying for at VIA. This serves two purposes, it provides you with a better understanding of what it might be like to work at VIA and also provides us with a way to evaluate how you might fit in as a member of our team.

Thanks for taking the time to do this home exercise! During this exercise we will ask you to package the python REST API into a docker image in preparation for a deployment on AWS cloud. Please **spend no more than 2 hours on the exercise**, the ideal outcome would be a dockerfile containing a **working** API.

**We should be able to deploy the image and call the 2 GET APIs and see the response “Healthy” E.g.,**

>curl <http://127.0.0.1:5000/health>

>Healthy

>curl <http://127.0.0.1:5000/data>

>Healthy

Alongside the dockerfile, please share a document or ReadMe file describing the steps/commands to get the image up and running as a container with the provided API endpoints. Include any steps you took to troubleshoot and fix any issues you may have faced. Please ensure that the API package with the dockerfile is fully functional.