Panthera – Intermediate Data Scientist Task Brief

Task description:

Develop a dashboard application using R (shiny) or Python (dash) to interrogate and summarize a public dataset. The dashboard should include tables, charts/plots, infographics/info-boxes and maps. For this task, the data itself is not important, instead we aim to evaluate your creativity, out-of-the-box thinking, and problem-solving capabilities.

The dashboard application must be containerized using Docker, within a Linux environment, and deployed as a Docker image onto Docker Hub using a free account.

The containerized dashboard application should then be deployed onto Amazon Web Services (AWS) using a free account.

Dataset source:

Use a publicly available dataset of your choice. The dashboard application must source the dataset dynamically server-side.

Deadline:

1 week after your introductory interview and brief pitch.

Deliverables:

1) Docker Hub image name, to pull your Docker image.
2) URL to access the web app version on AWS.
3) Source code used for this task