

Docker for beginners

Docker packages your data, code and all its dependencies in the form called a docker container to ensure that your application works seamlessly in any environment.

When you run a docker container it's like running your analysis on a virtual computer that has the same configuration as our own one at the point in time when you ran the analysis



<https://medium.com/the-andela-way/docker-for-beginners-61e8e0ce6a19>

So what's Binder?

- Binder allows you to create custom computing environments (a Docker image) that can be shared and used by others anywhere in the world.
- Binder is powered by BinderHub, which is an open-source tool that deploys the Binder service in the cloud.
- Binder works by pulling information from a repository that you set up on GitHub. Think of a repository as a folder containing your R code, your data, and a few other small bits and pieces - but it sits in the cloud rather than on your computer.