

Data analysis in Docker

1. Write a *Dockerfile*

2. Build an *image*

3. Run a *container*

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• Build an image from a Dockerfile and a *"build context"*

• **"BuildContext": files that can be used during the build process**

• Can be a local directory path, GitHub repo URL, or tar.gz file

- Default: pass context to `docker build`; Docker looks for "Dockerfile" in its root directory

• Can be a local directory path, GitHub repo URL, or tar.gz file

• To build the image from our Dockerfile:

3. *Run a container*

2. Build a *in* magazine

directory

• Default: pass context to docbuilder; Docbuilder looks for "Docfile" in its root