Docker Basics: Exploring the CLI

Command	Description
docker --version	See the version of Docker installed on the system
docker info	Displays system-wide information about Docker
docker --help	Get information about Docker commands
docker images	List all available Docker images on the system
docker ps	Lists all running containers
docker ps -a	Lists all running and stopped containers
docker <function> ls	Supplement <function> with “images”, “network” etc. for information about the <function>
docker build –t <I*mage-name:tag*> <*path-to-dockerfile*>	Builds a docker image from a Dockerfile
docker push <*image-name:tag*>	Uploads a Docker image to an online repo, e.g. Docker hub, Github, etc.
docker logs <*container-name-or-ID*>	View the logs generated by the specific container.
docker logs <*container-name-or-ID*> -f	By adding the “-f” option, you can watch the logs in real-time.
docker exec -it <*container-name-or-ID*> command	Run the specified command inside a running container
docker rm <*container-name-or-ID*>	Deletes the specified container. Appending the “-f” option forces the removal.
docker rmi <*image-name-or-ID*>	Deletes the specified image

docker stop <*container-name-or-ID*>	Stops the specified running container
docker start <*container-name-or-ID*>	Starts the specified container. Add the "-d" to run in detached mode
docker restart <*container-name-or-ID*>	Restarts the specified container
docker pull <i*mage-name*>	Download a Docker image from a online registry. When a repo and login details are not specified, the image is pulled from the docker hub registry.
docker run <*options*> <*image-name*>	Starts a new container from the specified image name. -d : runs the container in detached mode -it : starts and interactive session within the container