Common Docker Commands

# 🐳 Basic Docker Commands

* docker version - Show Docker version info
* docker info - Show system-wide Docker information
* docker help - Get help with Docker commands

# 📦 Docker Image Commands

* docker images - List all local Docker images
* docker pull <image> - Download an image from Docker Hub
* docker build -t <name> . - Build image from Dockerfile
* docker rmi <image> - Remove image

# 🧱 Docker Container Commands

* docker ps - List running containers
* docker ps -a - List all containers (including stopped)
* docker run <image> - Run a container from an image
* docker run -it <image> /bin/bash - Run a container interactively
* docker stop <container> - Stop a running container
* docker start <container> - Start a stopped container
* docker restart <container> - Restart a container
* docker rm <container> - Remove a container
* docker logs <container> - View container logs
* docker exec -it <container> <command> - Execute command in running container

# 📁 Volumes and Filesystems

* docker volume ls - List all volumes
* docker volume create <name> - Create a volume
* docker volume rm <name> - Remove a volume
* docker run -v <host\_path>:<container\_path> <image> - Mount volume to container

# 🌐 Networking Commands

* docker network ls - List networks
* docker network create <name> - Create a network
* docker network connect <network> <container> - Connect a container to a network
* docker network inspect <name> - View details of a network

# 🧪 Dockerfile & Build

* docker build -t <image\_name> . - Build image from Dockerfile
* docker history <image> - Show image history
* docker inspect <image/container> - Show detailed info

# 🧹 Cleanup Commands

* docker system prune - Remove all unused containers, images, volumes
* docker container prune - Remove all stopped containers
* docker image prune - Remove unused images
* docker volume prune - Remove unused volumes