Using Docker Volumes for Mongo DB:

docker volume create mongodb

/var/lib/docker/volumes/mongodb/\_data/

docker run --rm -dit --name mongodb -v mongodb:/data/db -p 27017:27017 mongo:latest

docker exec -it mongodb bash

mongo

db.helo.insertMany([

{ "\_id" : 1, "name" : "Matt", "status": "active", "level": 12, "score":202},

{ "\_id" : 2, "name" : "Frank", "status": "inactive", "level": 2, "score":9},

{ "\_id" : 3, "name" : "Karen", "status": "active", "level": 7, "score":87},

{ "\_id" : 4, "name" : "Katie", "status": "active", "level": 3, "score":27, "status": "married", "emp": "yes", "kids": 3},

{ "\_id" : 5, "name" : "Matt1", "status": "active", "level": 12, "score":202},

{ "\_id" : 6, "name" : "Frank2", "status": "inactive", "level": 2, "score":9},

{ "\_id" : 7, "name" : "Karen3", "status": "active", "level": 7, "score":87},

{ "\_id" : 8, "name" : "Katie4", "status": "active", "level": 3, "score":27, "status": "married", "emp": "yes", "kids": 3}

])

db.helo.find({name: "Katie"})

Using Docker Volumes for MySQL:

docker volume create mysqlvol

docker run --rm -dit --name mysql1 -v mysqlvol:/var/lib/mysql -e MYSQL\_ROOT\_PASSWORD=India@123456 -p 3306:3306 mysql:latest

Bind Mounts:

docker run --rm -dit --name mysql1 --mount type=bind,source=/bindpath,target=/var/lib/mysql -e MYSQL\_ROOT\_PASSWORD=India@123456 -p 3306:3306 mysql:latest

**Changing Docker Volumes Default Location:**

nano /lib/systemd/system/docker.service

ExecStart=/usr/bin/dockerd --data-root /mydocekrvolumes/ -H fd:// --containerd=/run/containerd/containerd.sock

sudo systemctl daemon-reload

sudo systemctl restart docker