WHAT ARE

DOCKER VOLUMES?

Docker Concepts

What are Docker Volumes?

- Docker volumes are a mechanism for persisting data generated by and used by Docker containers.

- Docker container internal data is removed when the container is removed.

- Volumes allow data to survive in case your container restarts or removed.

- It provides isolation from the images and containers.

Key Features of Docker Volume:

- Persistent storage

- Sharing data between different containers

- Isolation

- Provides safety in case of container crash

How to create and use Docker Volumes

- **Create Docker Volume:**
  - docker volume create my_volume

- **Mount/Use Docker Volume:**
  - docker run --mount source=my_volume,target=/app/data my_image
    - source=my_volume → Name of the volume (Docker will create it if it doesn't exist).
    - target=/app/data → Path inside the container where the volume is mounted.

LET'S SEE

DOCKER VOLUMES IS ACTION!