

Explore

Certainly! In a nutshell, a **Docker container** is a standardized unit of software that packages up code and all its dependencies. [It allows applications to run consistently across different computing environments, from development to production1](https://www.docker.com/resources/what-container/).

Here are **five free resources** where you can learn more about Docker containers:

1. **Docker 101 Tutorial**: This self-paced tutorial covers building images, running containers, using volumes, and defining applications with Docker Compose. [You’ll also explore advanced topics like networking and image building best practices](https://www.docker.com/resources/what-container/)[Learn Docker2](https://www.docker.com/101-tutorial/).
2. **How-To Geek’s Docker Guide**[: Dive into how to use Docker, why it’s useful, and how to install it on Linux, Windows, and macOS](https://www.docker.com/resources/what-container/)[Read the guide3](https://www.howtogeek.com/devops/what-does-docker-do-and-when-should-you-use-it/).
3. **FreeCodeCamp’s Docker and Kubernetes Course**: Learn containerization with the Docker CLI and Visual Studio Code, push and pull container images on Docker Hub, and create multi-container applications using Docker Compose. [Explore Kubernetes architecture as well](https://www.docker.com/resources/what-container/)[Start learning4](https://www.freecodecamp.org/news/learn-docker-and-kubernetes-hands-on-course/).
4. **Docker Docs Educational Resources**: Experts in the Docker community have created self-guided tutorials for working with Docker. [Topics include integrating Docker with IDEs, Java development, and live debugging with Node.js and Docker](https://www.docker.com/resources/what-container/)[Explore the tutorials5](https://docs.docker.com/get-started/resources/).
5. **Udemy’s Containers 101**[: This free tutorial covers building and deploying containerized applications with Kubernetes, Docker, and Helm](https://www.docker.com/resources/what-container/)[Take the course6](https://www.udemy.com/course/containers-101/).

Happy learning! 🐳