

Understand Docker with example



docker



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What is Docker ?

- ***Docker is an open-source platform that enables developers to automate the deployment, scaling, and management of applications in containers.***



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- ***A real-life example to understand Docker is to think about a bakery that wants to sell their cakes to customers in different cities.***



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- *Each cake is unique, with its own ingredients, recipe, and design.*



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- ***To make sure that the cakes are baked consistently and look the same in each city, the bakery can use containers as a way to package their cakes.***



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- *As we know a container holds the ingredients, recipe, and design of the cake.*

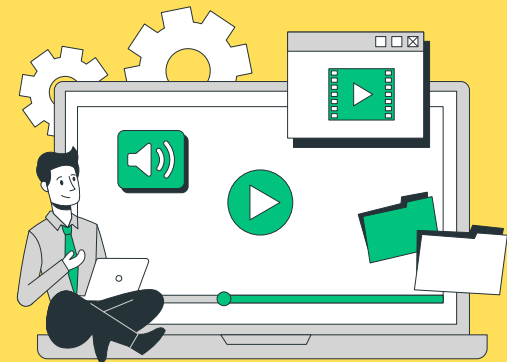
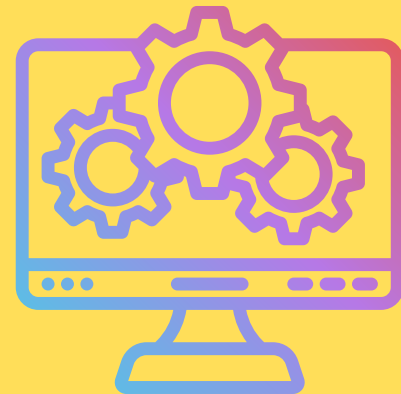


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- Similarly a **Docker container** holds all the necessary code, runtime, system tools, libraries, and settings needed to run a software application.



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- ***By using containers, the bakery can ensure that their cakes are baked consistently and look the same in each city.***



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- ***Similarly using Docker containers can ensure that a software application runs the same way, regardless of the environment in which it is deployed.***



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