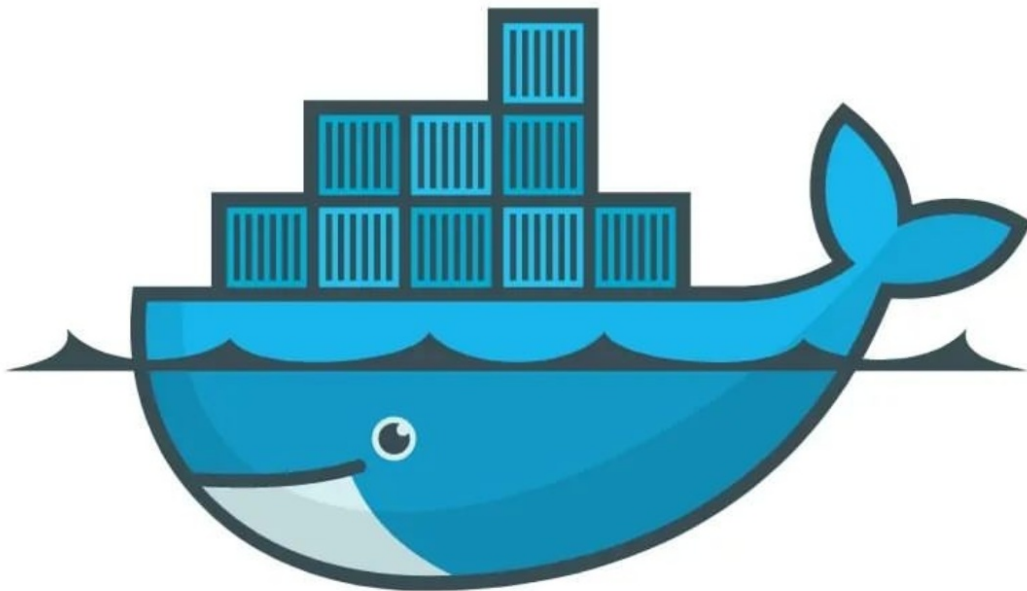# WHAT IS DOCKER?

Explained in fun and easy way

Let's imagine you have a magical lunchbox called Docker Lunchbox.

This lunchbox is special because it can hold different types of food and keep them perfectly organized and **separate from each other.**

Let's say you have your favorite sandwich, some fruits and some cookies. Each food item has its own section, neatly packed and ready to be enjoyed

When its lunchtime, you can enjoy them one by one without any mixing or messiness.

But here's the best part: the Docker Lunchbox is so smart that it automatically adds the perfect sauce or dressing to each item!

You don't have to worry about finding and adding the sauces yourself because the Docker Lunchbox knows exactly what each item needs and takes care of it.

Docker works in a similar way. It allows developers to put different pieces of software, called applications, inside **virtual containers**, just like food in sections of a lunchbox.

Each application stays **separate and doesn't interfere with others** running on the same computer.

But Docker doesn't stop there! It's also super smart when it comes to software. Just like the lunchbox adds the perfect sauce to each food item, **Docker automatically includes all the necessary dependencies and libraries** that an application needs to work properly.

</code>

services

database

docker

</>
libraries
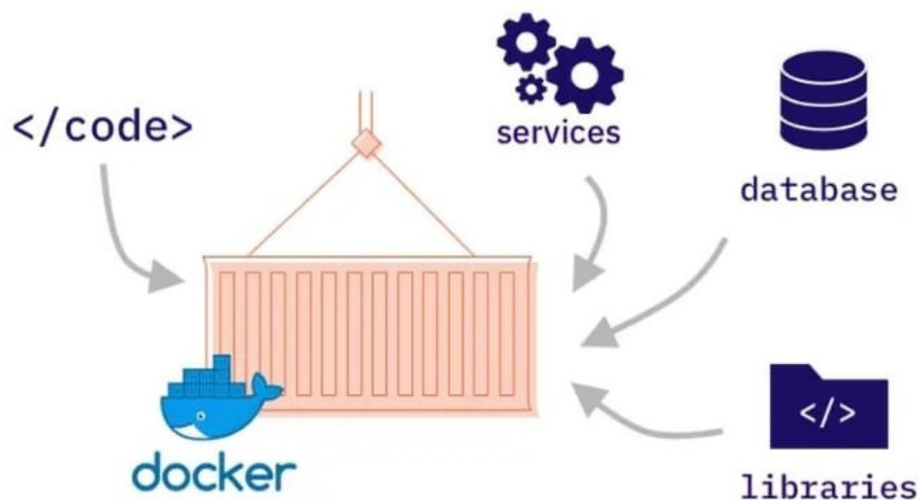
You don't have to manually **find and install** them yourself because Docker takes care of it for you.

And **it will run everywhere** in exactly the **same**, predictable way. With no additional configuration, installation, and adjustments required for each environment you run it.
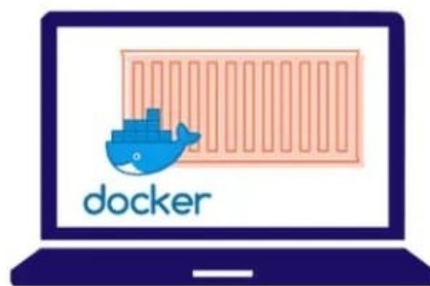
Works well on my laptop

So this quote is a matter of the past when using Docker. It will work everywhere, not only in your laptop!

Was this post helpful?

Please let me know if you would like to learn
complex programming and data science
concepts in this way