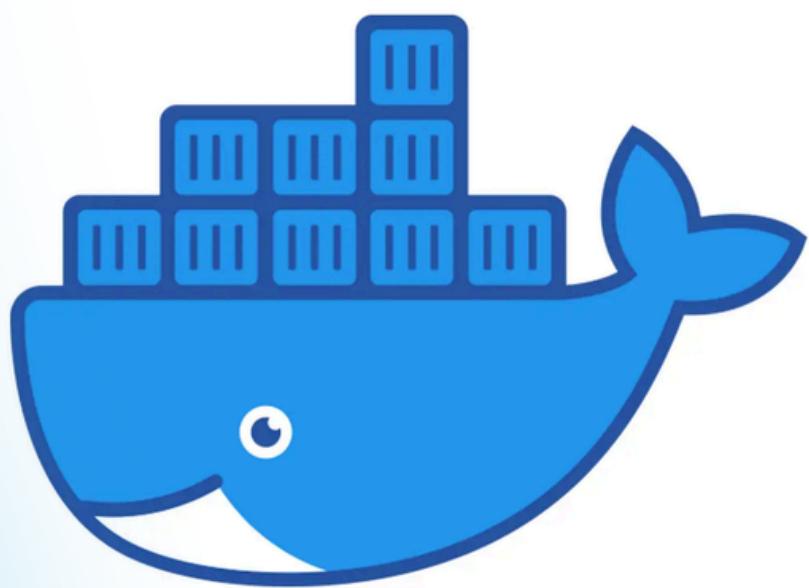




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TOP 5 RESOURCES FOR DATA SCIENTISTS TO LEARN DOCKER



TIMUR BIKMUKHAMEDOV



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1

Docker Tutorial by Nana

[Link](#)

This video tutorial introduces Docker fundamentals, ideal for beginners who want a hands-on understanding of Docker commands and workflows.

It's a great start for data scientists to quickly get acquainted with containerization step-by-step.



Docker Tutorial for Beginners [FULL COURSE in 3 Hours]



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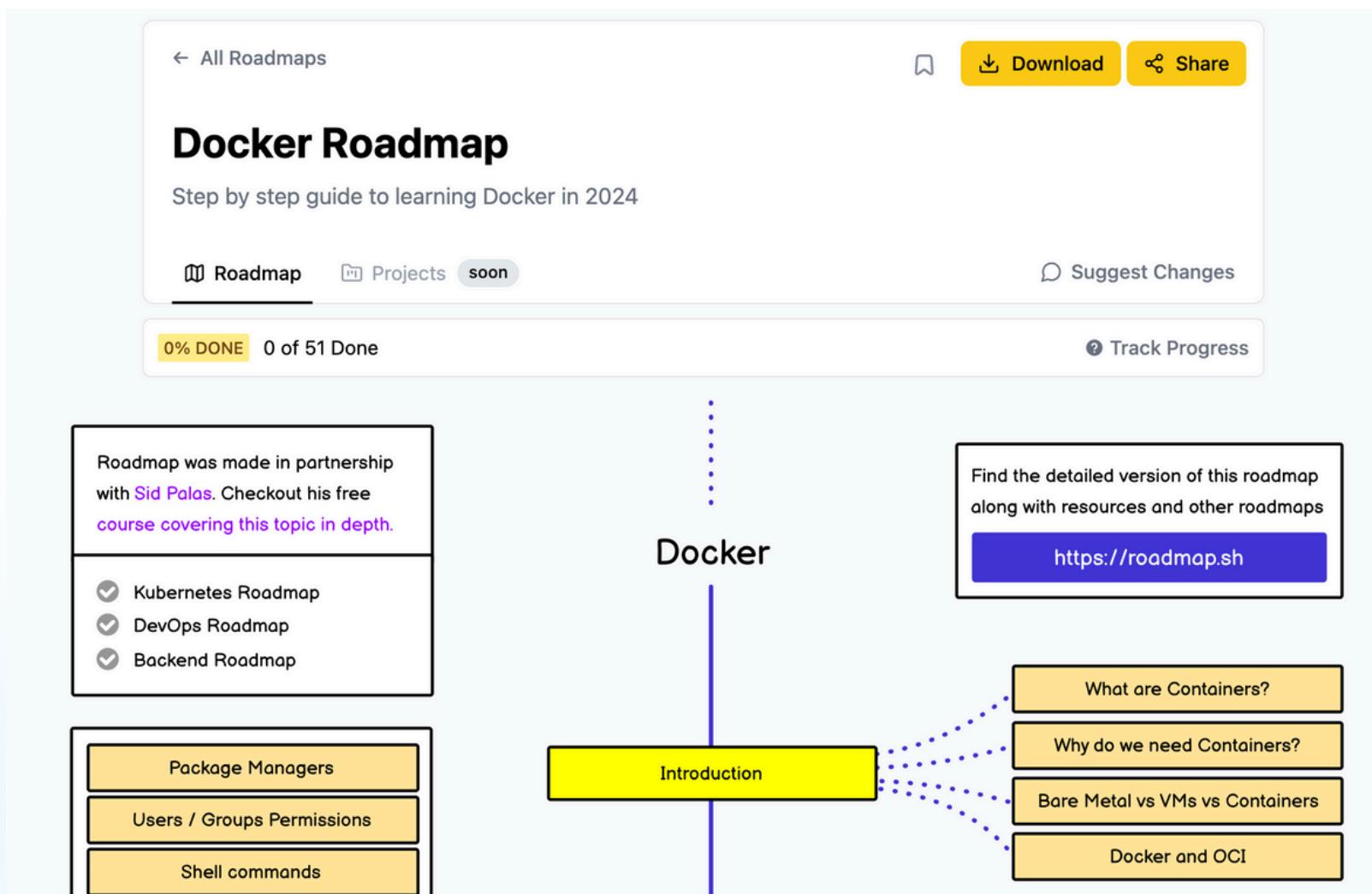
2

Docker Roadmap to learning Docker in 2024

[Link](#)

This roadmap breaks down the core concepts and advanced topics in Docker, guiding learners from basics to deployment best practices.

For Data Scientists, it provides a structured path to master Docker's features, helping them to streamline development, testing, and deployment of ML models in reproducible environments.





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3

Docker Curriculum Tutorial Link

This free, interactive course covers Docker essentials through practical exercises.

It's particularly useful for data scientists because it includes real-world scenarios on deploying applications, enabling them to better manage dependencies and avoid version conflicts in ML projects.



Learn to build and deploy your distributed applications easily to the cloud with Docker

Written and developed by [Prakhar Srivastav](#)



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4

Docker for Machine Learning Course from ML in Production

[Link](#)

This free ML-focused course provides insights on using Docker specifically for ML workflows.

It's valuable for data scientists who need to containerize complex ML models, handle dependencies effectively, and scale their solutions, whether for experimentation or production deployment.

ML in Production

Best practices for building real world machine learning systems

Docker for Machine Learning – Part I



Luigi

March 4, 2019

Docker

Why is Docker useful?

I will admit it, I cannot mention (or even think about) Docker without a large smile coming to my face. Ever since learning about Docker while working as a Data Engineer a few years ago, I've tried to adopt it into my workflow whenever possible. And while, strictly speaking, it's not a



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5

Tutorial: How Docker Can Help You Become a More Effective Data Scientist

[Link](#)

This complete tutorial explains the practical benefits of Docker for data science work.

It also breaks down the most important docker commands in detail which is very valuable for beginners.

How Docker Can Help You Become A More Effective Data Scientist



Hamel Husain · [Follow](#)

Published in Towards Data Science · 15 min read · Dec 17, 2017

6.9K 14

W+ ⏪ ⏹ ...

By [Hamel Husain](#)

For the past 5 years, I have heard lots of buzz about docker containers. It seemed like all my software engineering friends are using them for developing applications. I wanted to figure out how this technology could make me more effective but I found tutorials online either too detailed: elucidating features I would never use as a data scientist, or too shallow: not giving me enough information to help me understand how to be effective with Docker quickly.

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