Deep Dive
Module 1

Deep Dive

Keeping Up with the Trends

❑ Emerging trends in deep learning and artificial intelligence

https://cointelegraph.com/news/5-emerging-trends-in-deep-learning-and-artificial-intelligence

❑ 5 Deep Learning Recent Trends
https://towardsdatascience.com/various-ways-to-evaluate-a-machine-learning-models-performance-230449055f15

❑ Explainable AI: A Comprehensive Review of the Main Methods
https://medium.com/mlearning-ai/explainable-ai-a-complete-summary-of-the-main-methods-a28f9ab132f7

❑ The Best Introduction to Deep Learning
https://www.simplilearn.com/tutorials/deep-learning-tutorial/introduction-to-deep-learning

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Improving DL Models

❏ Stochastic Gradient Descent with momentum

https://towardsdatascience.com/stochastic-gradient-descent-with-momentum-a84097641a5d

❏ Adam — latest trends in deep learning optimization

https://towardsdatascience.com/adam-latest-trends-in-deep-learning-optimization-6be9a291375c

❏ An overview of gradient descent optimization algorithms

https://ruder.io/optimizing-gradient-descent/#:~:text=resolve%20this%20flaw.-
,Adadelta,to%20some%20fixed%20size%20w%20

شكراً لكم

Thank you

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