The **AWS Cloud Development Kit (CDK)** is an open-source software development framework that allows you to define cloud infrastructure in code and provision it through AWS CloudFormation. [It consists of two primary parts: the **AWS CDK Construct Library**, which provides reusable code constructs for building infrastructure, and the **AWS CDK Toolkit**, a command-line tool for managing CDK projects1](https://docs.aws.amazon.com/cdk/)[2](https://github.com/awsdocs/aws-cdk-guide).

Here are **five free resources** where you can learn more about AWS CDK:

1. [**AWS CDK Documentation**](https://docs.aws.amazon.com/cdk/): The official documentation provides a comprehensive guide to using CDK, including concepts, examples, and API references[1](https://docs.aws.amazon.com/cdk/).
2. [**Pluralsight Blog: What is AWS CDK?**](https://www.pluralsight.com/blog/cloud/what-is-aws-cdk-cloud-development): This blog post explains CDK and highlights its benefits, emphasizing the use of familiar programming languages like TypeScript, Python, Java, and C#[3](https://www.pluralsight.com/blog/cloud/what-is-aws-cdk-cloud-development).
3. [**LinkedIn Article: Introduction to AWS CDK**](https://www.linkedin.com/pulse/introduction-aws-cloud-development-kit-cdk-oluwasegun-haziz-zkqae): Learn how CDK simplifies defining and managing AWS infrastructure using familiar programming languages[4](https://www.linkedin.com/pulse/introduction-aws-cloud-development-kit-cdk-oluwasegun-haziz-zkqae).
4. [**DEV Community: Everything about AWS CDK**](https://dev.to/aws-builders/everything-about-aws-cdk-489m): Dive deeper into CDK’s features and its high-level, object-oriented approach to defining AWS resources[5](https://dev.to/aws-builders/everything-about-aws-cdk-489m).
5. [**Udemy Course: AWS CDK with Python Step by Step**](https://www.udemy.com/course/aws-cdk-with-python-step-by-step/): This course teaches AWS CDK using Python, covering CDK basics, constructs, synthesis, and more[6](https://www.udemy.com/course/aws-cdk-with-python-step-by-step/).

Feel free to explore these resources to enhance your understanding of AWS CDK! 🚀