Infrastructure as Code(Iac)

We write configuration script to automate creating, updating or destroying cloud infra.

There are two ways

AWS CloudFormation(CFN)-CFN is a declarative Iac tool

Declarative:
What you see is what you get. Explicit
More verbose but zero chance of mis-configuration
Uses scripting languages eg.JSON, YAML, XML

AWS Cloud Development Kit (CDK)-It is imperative Iac tool.

Imperative
You say what you want, and the rest is filled in. Implicit
Less verbose you could end up with misconfiguration
Does more than declarative
Uses programming languages eg Python, JavaScript. etc