**CLOUDFORMATION**

**IAAC** 🡺 Infrastructure as a code

With a code, we can create / update / delete our infrastructure.

It allows you to use a template to define the resources you need and then automatically creates and provisions those resources.

**For Code Template :**

[**https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-template-resource-type-ref.html**](https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-template-resource-type-ref.html)

**Resource:** Each element in a CloudFormation template is a resource. Resources represent the different components that make up your infrastructure, such as EC2 instances, S3 buckets, or RDS databases.

**Template:** CloudFormation uses templates to describe and provision AWS infrastructure. Templates are JSON or YAML-formatted text files that define the set of resources and properties needed for a particular stack.

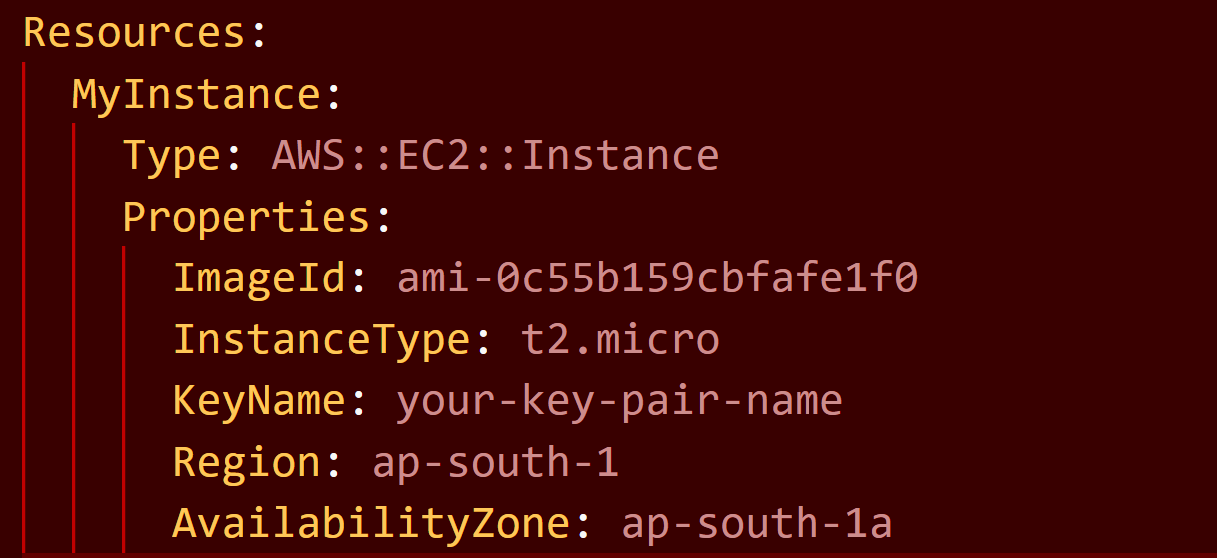
**Code Syntax : JSON** or **YAML.**

**JSON :**

**A screen shot of a computer code

Description automatically generated**

**YAML :**

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