

Infrastructure as Code (IaC)

Define and provision infrastructure through code instead of manual processes



STEP 1

Write Code



STEP 2

Version Control



STEP 3

Review & Test



STEP 4

Deploy



Reproducibility

Same infra every time



Version Control

Track changes in Git



Documentation

Code is docs



Disaster Recovery

Rebuild quickly

Tools & Platforms

Terraform

AWS CloudFormation

Ansible

Pulumi

Example

```
terraform apply → Provision GPU cluster + networking + storage
```