

## 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
```