Azure Logic Apps & CI/CD Deployment

# 1. What is Azure Logic App?

Azure Logic Apps is a workflow-based integration service in Azure that lets you automate tasks, orchestrate systems, and connect APIs using a no-code/low-code interface.  
It’s a Drag and Drop + JSON based Workflow.

## Use Cases:

- Automate invoice processing from Outlook to SQL DB

- Trigger workflows when files are added to storage

- Integrate Microsoft Teams, SharePoint, Outlook, Service Bus, etc.

# Prerequisites for CI/CD

**Service connection  
Azure Subscription  
Azure resource Group  
Logic APP Name**

# 4. CI/CD Pipeline Flow

## CI (Build)

- Trigger: On commit to branch (e.g., main)

- Task:

• Zip Logic App folder

• Publish as build artifact

## CD (Deploy)

- Trigger: On approval or post-build

- Task: Use AzureCLI@2 task in YAML and deploy Logic App