https://docs.aws.amazon.com/eks/latest/eksctl/installation.html

Install EKSCTL:

1. **Download EKSCTL**
https://github.com/eksctl-io/eksctl/releases/latest/download/eksctl_windows_arm64.zip
2. **Extract zip into program file**
3. **Set classpath**

Or

Open Powershell as administrator and execute command

```
$ErrorActionPreference = "Stop"; `
$installPath = "C:\Program Files\eksctl"; `
$zipPath = "$env:TEMP\eksctl_windows_amd64.zip"; `
Write-Host " 📦 Downloading eksctl..." -ForegroundColor Cyan; `
Invoke-WebRequest -Uri "https://github.com/eksctl-io/eksctl/releases/latest/download/eksctl_windows_amd64.zip" -OutFile $zipPath;
`
Write-Host " 📁 Extracting..."; `
Expand-Archive -Force $zipPath -DestinationPath $env:TEMP; `
New-Item -ItemType Directory -Force -Path $installPath | Out-Null; `
Move-Item -Force "$env:TEMP\eksctl.exe" "$installPath\eksctl.exe"; `
Unblock-File "$installPath\eksctl.exe"; `
$envPath = [Environment]::GetEnvironmentVariable("Path", "Machine"); `
if ($envPath -notlike "*$installPath*") { `
  Write-Host " 🔧 Adding eksctl to PATH..."; `
  [Environment]::SetEnvironmentVariable("Path", "$envPath;$installPath", "Machine"); `
}`
Write-Host " ✅ eksctl installed successfully! Please restart PowerShell, then run:" -ForegroundColor Green; `
Write-Host " eksctl version"
```

For login into AWS accoun from your laptop by CLI

1) Create IAM admin user

2) Install chocolatey on your laptop by powershell as an administrator

3) Install AWSCLI by using Chocolatey (choco install awscli)

4) Close and reopen powershell

5) Try to login with aws (aws configure)

6) Then we can execute aws cli commands

Install Kubectle:

7) choco install kubernetes-cli -y

8) Kubectl

For Creating K8S Cluster (EKS on AWS)

eksctl create cluster --name my-eks-cluster --full-ecr-access --alb-ingress-access --version 1.30 --region us-west-2

aws eks update-kubeconfig --name my-eks-cluster --region us-east-2

For Delete K8S Cluster (EKS on AWS)

eksctl delete cluster --name my-eks-cluster --region us-east-2