

## Duration: 30 Hrs

Free tier account for 12 months will be created for student with the help of trainer.

<https://aws.amazon.com/console/>

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1. EC2 -> Types of instances,
  - i. AMI
  - ii. Snapshot
  - iii. Volume attachment and mount in Linux OS
  - iv. Load Balancer (ALB, NLB [ ELB ] ) ,
2. AutoScaling Group
  - i. Spot vs on-demand instances
3. VPC:
  - VPC create
  - NAT Gateway (IPV4)
  - NACL (Network ACL [ Access Control list]
  - Security Group
  - EIP (Elastic IP Address)
  - VPC Peering Connection
  - Egress (ipv6)
4. ROUTE53
5. STORAGE -> EBS , EFS, S3, Glacier
6. IAM -> Role, Policy, inline policy
7. Cloudwatch -> SNS service for alarm (Metrics)
8. Cloudfront (CDN)
9. RDS (Database)
- 10.AWS CLI
- 11.AWS-Lambda
- 12.AWS-Beanstalk
- 13.Project

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