Summery Service

1. Docker: Container technology to run applications
2. ECS: run Docker containers on EC2 instances
3. Fargate:
   - o Run Docker Container without provisioning the infrastructure
   - o Serverless offering (no EC2 Instances)
4. ECR: Private Docker Images Repository
5. Batch: Run batch jobs on AWS across managed EC2 instances
6. Lightsail: predictable & low pricing for simple application & DB stacks

Lambda:

- o Lambda is Severless, Function as a Service, seamless scaling, reactive
- o Lambda Billing:
  - - By the time run x by the RAM provisioned
  - - By the number of invocations

Language Support: Many programming languages except docker

Invocation Time: up to 15 minutes

Use Cases:

- ▪ Create Thumbnails for images uploaded onto S3
- ▪ Run a Serverless cron job