Lambda Execution Role (IAM Role)

- Grants the Lambda function permissions to AWS services / resources
- Sample managed policies for Lambda:
  - AWSLambdaBasicExecutionRole – Upload logs to CloudWatch.
  - AWSLambdaKinesisExecutionRole – Read from Kinesis
  - AWSLambdaDynamoDBExecutionRole – Read from DynamoDB Streams
  - AWSLambdaSQSQueueExecutionRole – Read from SQS
  - AWSLambdaVPCAccessExecutionRole – Deploy Lambda function in VPC
  - AWSXRayDaemonWriteAccess – Upload trace data to X-Ray.

- When you use an <u>event source mapping</u> to invoke your function, Lambda uses the execution role to read event data.
- Best practice: create one Lambda Execution Role per function