Assignment Overview

This assignment includes two parts: part1 implements python code to do different operations on the multiple EC2 instances on AWS by using the AWS console. The AWS cookbook is a good reference to handle this part. Part2 is a good way to study the concepts for the AWS EC2 operations and understand how the load balancers, instances, VPC, route table works, where they are running and how the developers as different groups do the daily work in programming by AWS lambda function.

Technical Impression

When I saw this project at the beginning, I felt it was a good way to learn AWS- a very important and popular cloud computing platform. I told myself I need to be very careful to explore the AWS education platform and read all the materials I have, then tried my best to understand the concepts and implementations case by case.

When I create some instances in the console, I found logs are a good way to know how everythings works. Also, checking logs everytime is an efficient way to understand what is going on so far. When I created

the Application Load Balancer, I found the challenger part I need to understand Application Load Balancer compared with Network Load Balancer, so I actually tried to create multiple type load balancers and compare each of them. I was impressed by the search function in AWS platform, and when I created the function part for writing python code, I used search keywords then found the lambda part in AWS.