Week 9 – Challenge Lab: Implementing a Serverless Architecture for the Café

Name: Tong Duc Tu Tam

Student ID: 104775085

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Task 1: Downloading the source code

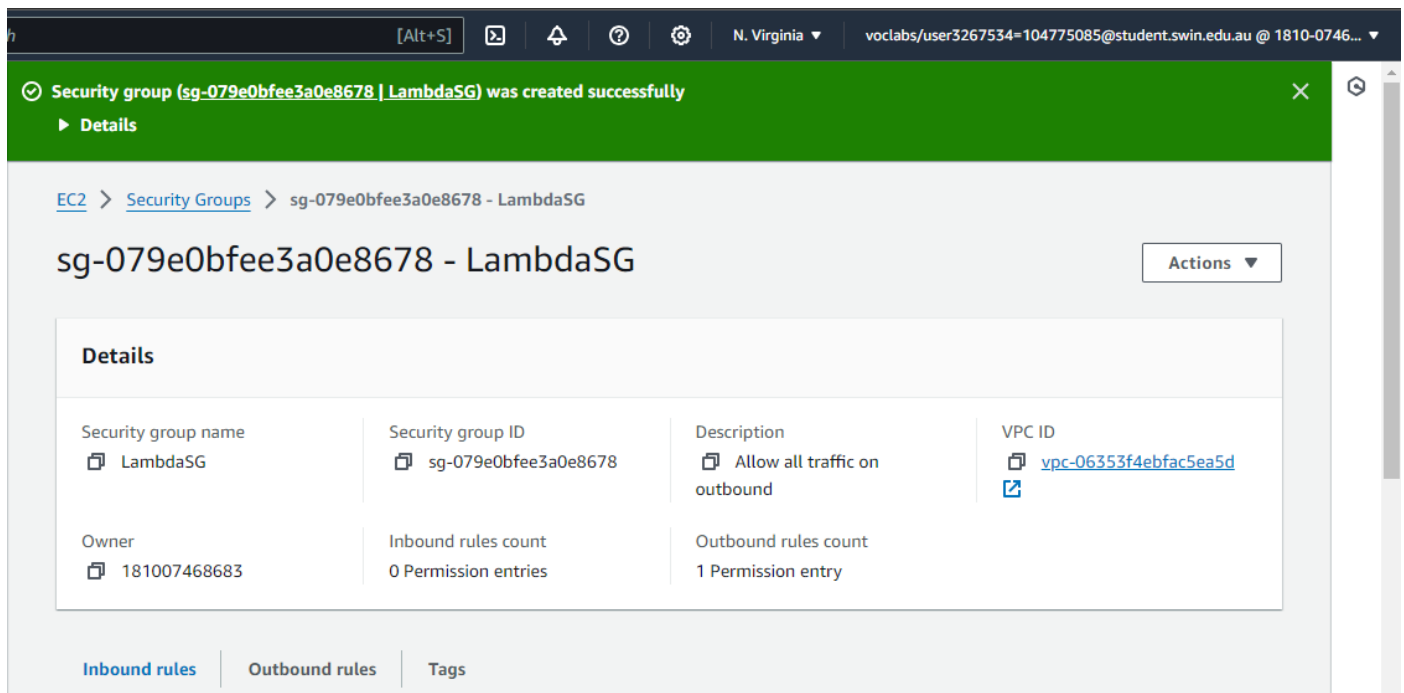## Task 2: Creating the DataExtractor Lambda function in the VPC

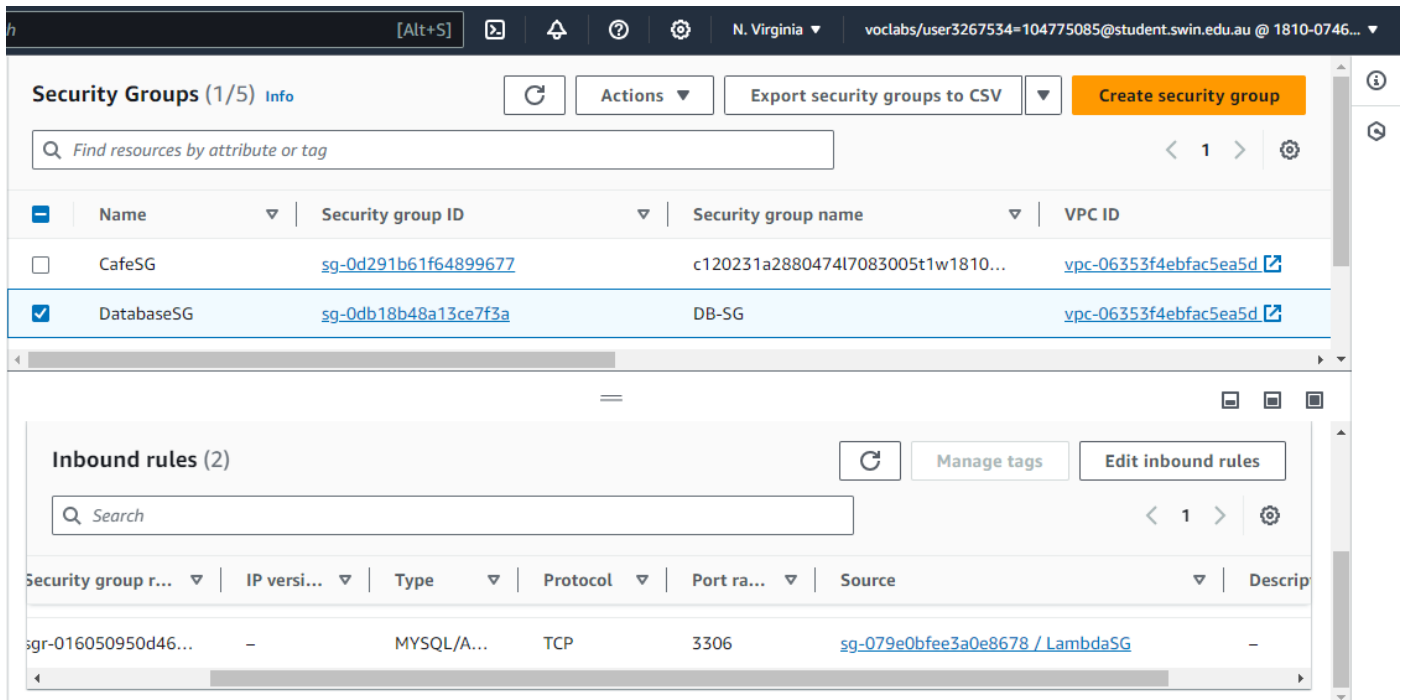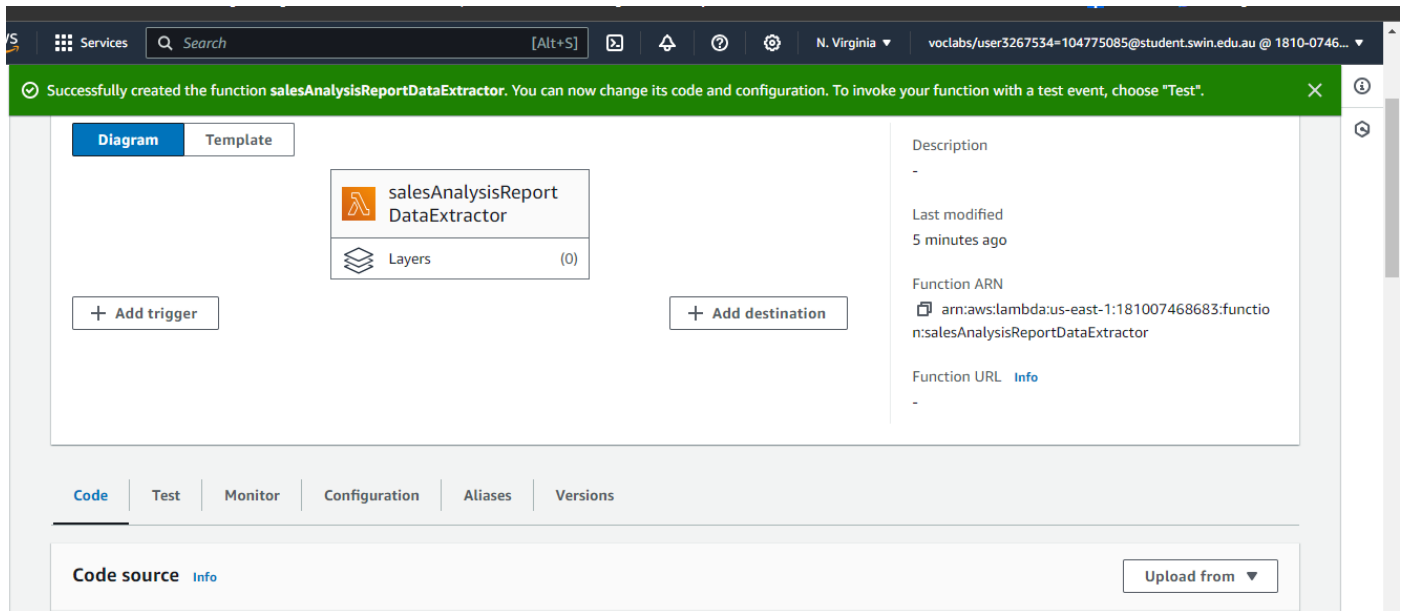*Figure 1: Create security group for lambda function.*

Figure 2: Update DatabaseSG.

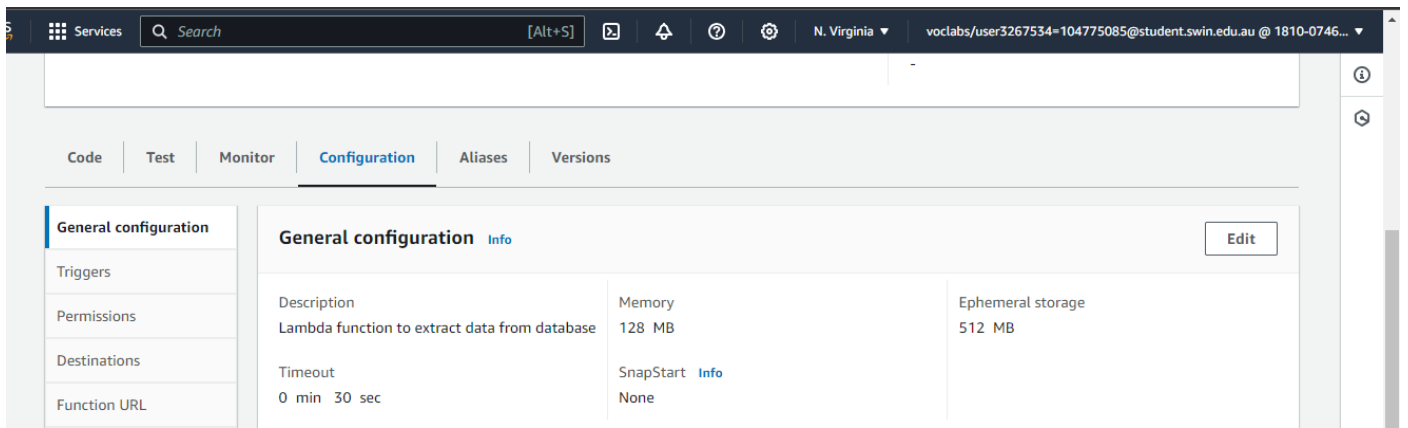*Figure 3: Create Lambda Function.*

Figure 4: Configure basic information of Lambda function.
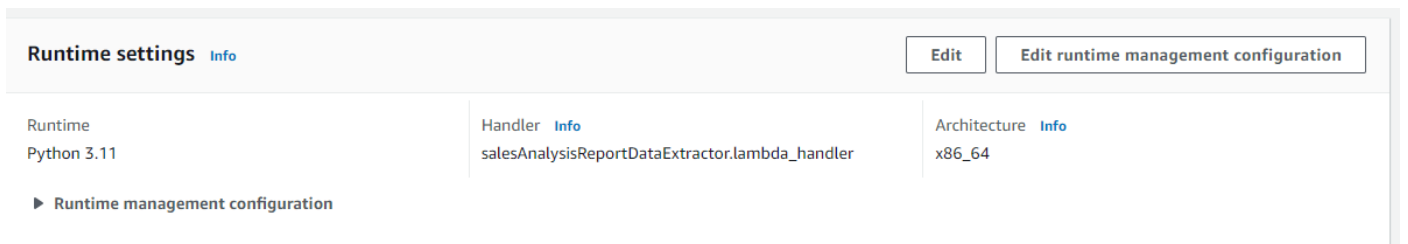

Figure 5: Config Lambda handler.

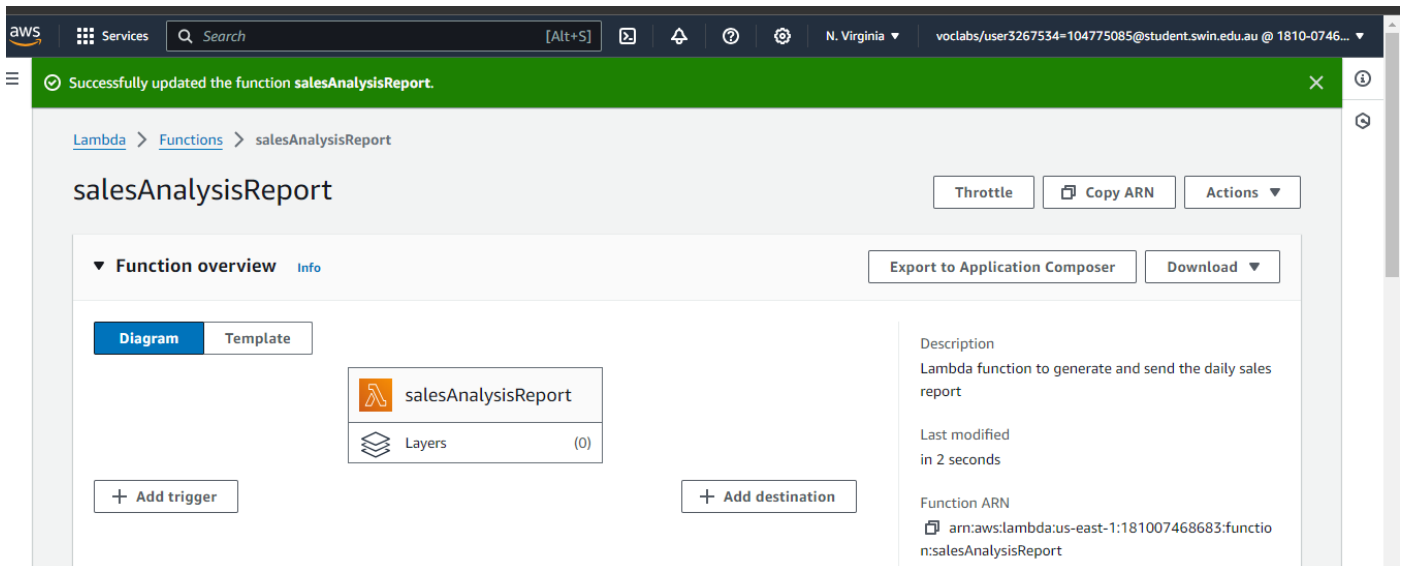## Task 3: Creating the SalesAnalysisReport Lambda function

Figure 6: Create another Lambda function.

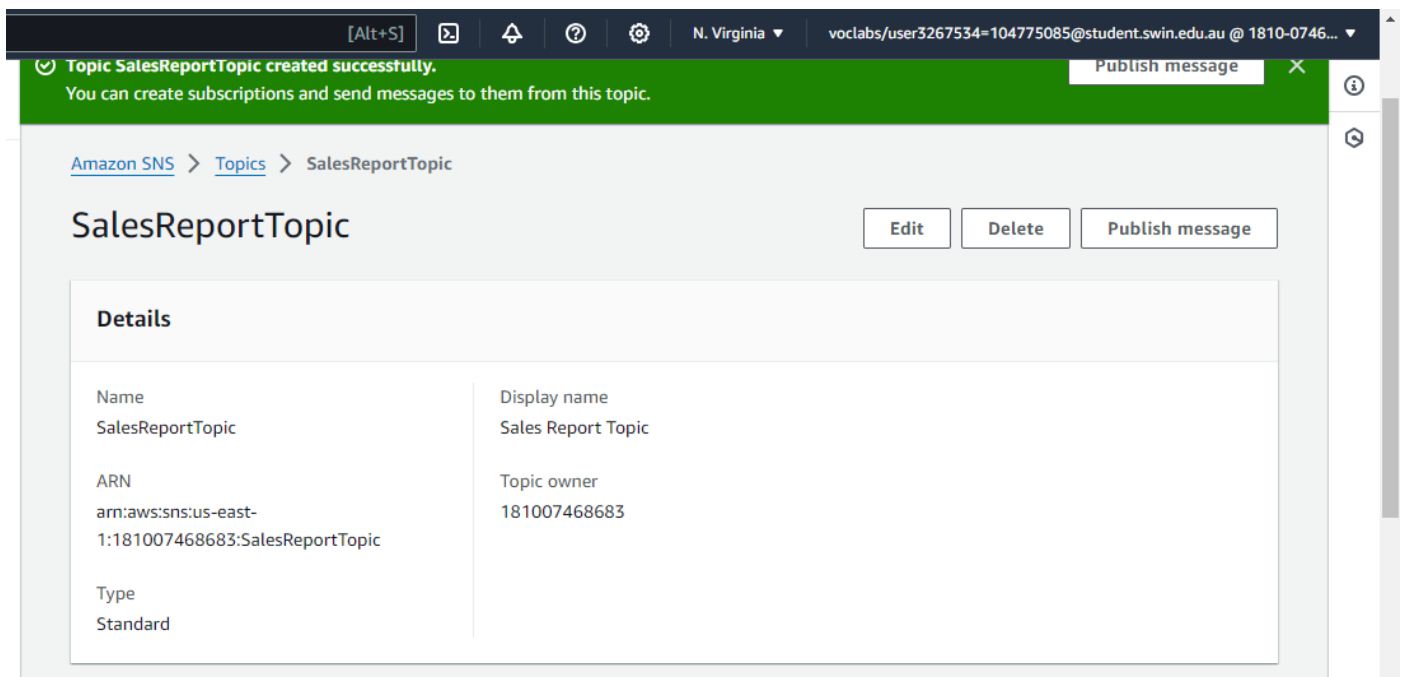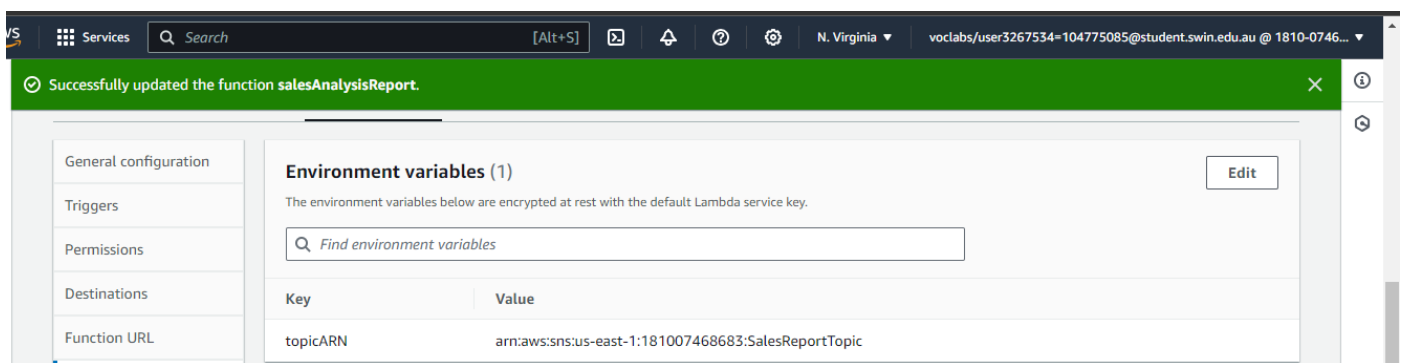## Task 4: Creating an SNS topic

Figure 7: Create SNS topic.

Figure 8: Edit environment variables.

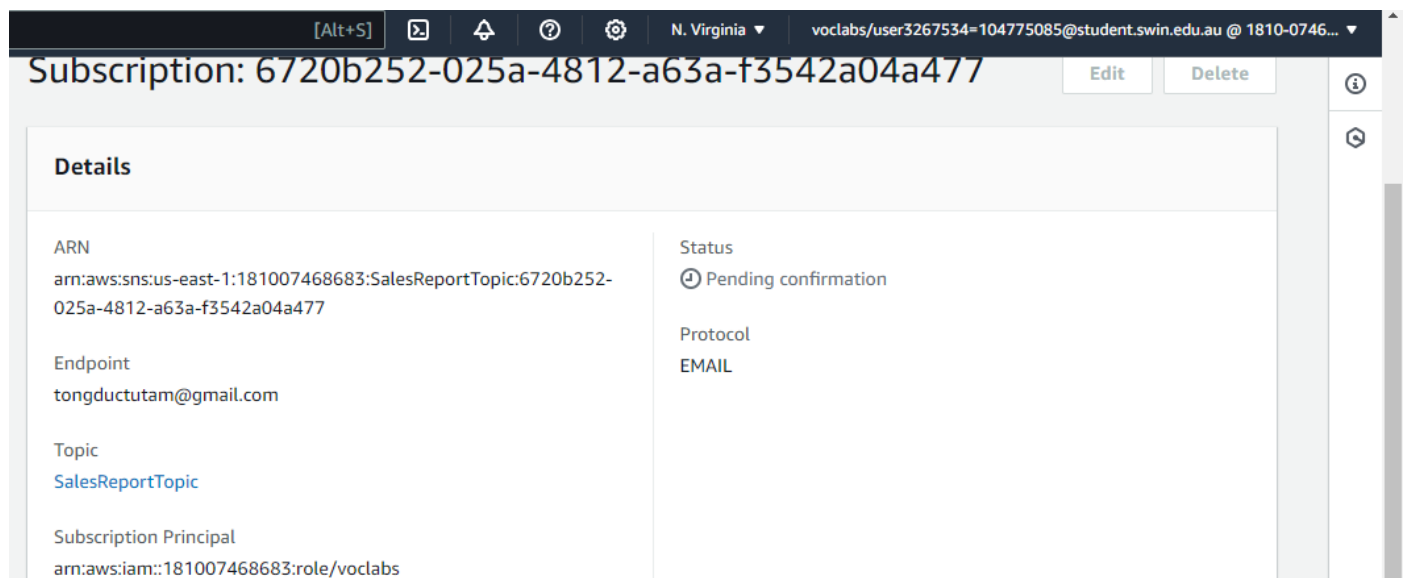**Task 5: Creating an email subscription to the SNS topic**
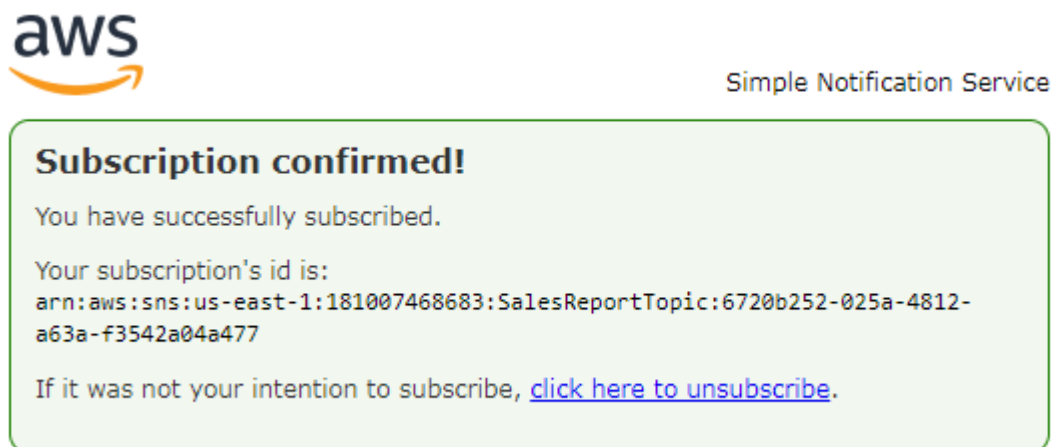
Figure 9: Create email subscription.

Figure 10: Confirm subscription.

Task 6: Testing the salesAnalysisReport Lambda function

Figure 11: Email notification

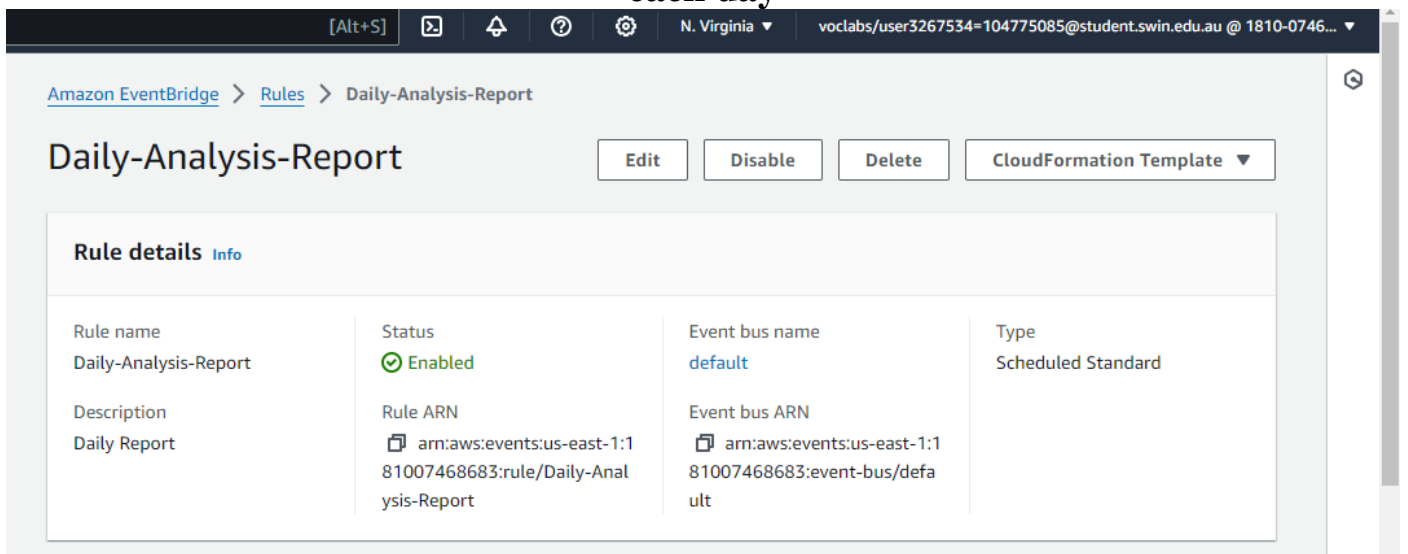**Task 7: Setting up an Amazon EventBridge event to initiate the Lambda function each day**

Figure 12: Created EventBridge Rule.

Figure 9: Score after submission.

Figure 10: Submission report.