**Readme**

1. **Attached “Message” file**
2. **Create SQS Queue Locally**

aws --endpoint-url=http://localhost:4566 sqs create-queue --queue-name cars

1. **Create SQS a few Queue Messages**

aws --endpoint-url=http://localhost:4566 sqs send-message --queue-url http://localhost:4566/000000000000/cars --message-body ‘<car details>’

1. **Read SQS Queue Messages**

aws --endpoint-url=http://localhost:4566 sqs receive-message --queue-url http://localhost:4566/000000000000/cars --attribute-names ALL --message-attribute-names ALL --max-number-of-messages 10

**Task 2 – Stream processing test Setup**

* Install Docker virtualization tool on your machine
* Install aws-cli tool on your machine
* Pull an Localstack image
* Have a Docker container running the downloaded Localstack image
* Create a SQS queue on Localstack named “cars”

**Test Messages**

1. Scenario: Messages are consumed successfully

1. Produce a few messages on queue with cars details. Message should contain

details on a car as follows:

* 1. Brand name
  2. Model
  3. Number of Doors
  4. Indicating whether it is a Sports car or not

1. Consume previously produced messages from queue with cars details.
2. Compare the produced and consumed messages to verify that all messages were delivered correctly.